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STATE OF WEST VIRGINIA

DEPARTMENT OF HEALTH

HEALTH STATISTICS CENTER

THIRTY-FIFTH ANNUAL REPORT
VITAL HEALTH STATISTICS
OF
WEST VIRGINIA
1981

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FOREWORD

Data used to prepare this report are taken from birth, death, fetal (stillborn), marriage and divorce certificates of these events occurring in calendar year 1981 and filed in the Office of the West Virginia Registrar of Vital Statistics prior to April 1, 1982. Vital events occurring to West Virginia residents in other states, and recorded in the office of the registrar by April 1 are also included in totals by residence.

All statistics contain variations, which are the result of chance. This characteristic is of particular importance in classification with small numbers of events where small variations are proportionately large in relation to base figures. As an example, small changes in the number of deaths or births in small population areas or in the number of deaths from uncommon causes could result in large changes in these rates. For this reason, rates for counties with small populations or other small bases should be used cautiously.

Our efforts to make this report more useful in planning and evaluation have continued. Additional data tables displaying vital statistics by county have been included in this report to meet the increasing needs of our data users.

Suggestions and comments on alternate methods of data presentation are welcome. Forward any suggestions to the address below.

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METHODOLOGY

Place of Residence Vs. Place of Occurrence

Data on vital events can be reported in two ways,by county of residence or by county of occurrence. For example, Lincoln County, reported 82 deaths as occurring within the confines of the county. However, resident deaths for 1981 totaled 210. With the exception of Tables 16 and 27, the mortality data presented in this report is based on county of residence.

With the exception of Table 5, birth data is similarily reported by county of residence.

Geographic Classification

The county has been used as the basic unit of tabulation throughout this report. Data have also been supplied by health planning regions and, of course, for the total state. In some instances data have been supplied for individual cities.

Cause of Death Classification

The cause of death is coded from information contained in the medical certification section of the death certificate. This portion of the certificate is completed by the attending physician. In the case of an unattended death, the medical examiner is responsible for investigation and certification. As a general rule, data preceding 1949 cannot be accurately compared with that of later years due to the extensive revision of the coding rules made at that time. However, it was felt that large causal categories could be compared. See Appendix B Grouping of ICDA Codes for a listing of these selected causes.

International Classification of Diseases (ICDA)

The primary cause of death was coded in accordance with the Ninth Revision of the International Classification of Diseases Adapted for Use in the United States, 1975 (ICDA). The deaths with codes 000 through 799 were coded using the "nature of injury" while those with codes 800 through 999 were coded using the E or "external cause" of death. The E codes have been used to show a death was due to an external rather than an internal cause. Thus a death due to gun shot would be coded using an E code while a death due to cancer would not.

In several tables individual causes of death have been grouped into important selected causes of death. The ICDA codes for the different groupings can be found in Appendix B.

Population

Population figures for 1970 and 1980 used throughout this report are taken from the U. S. Department of Commerce, Bureau of the Census publications, "Current Population Reports", Series P-26, No. 77-48 and "West Virginia Final Population and Housing Unit Counts", PHC80-V-50, March, 1981.

Forms

The following is a list of the certificates and forms used in obtaining the data used in this publication. A sample copy of each can be found in Appendix A.

Certificate of Live Birth
Physician's Certificate of Death
Medical Examiner's Certificate of Death
Certificate of Fetal Death
Application for Marriage License
Monthly Report of Divorces and Annulments of Marriage Granted

Rates and Ratios

The impact of chance variation must be considered in evaluating categories with small frequencies. For example, a small change in the number of infant deaths in a county can disproportionately affect the infant mortality rate for the county. Thus, rates for cities and counties require special consideration. Regional and state rates, with larger frequencies, result in more realistic data.

Rates used in this report are calculated with 1980 Census population figures as provided by the Bureau of the Census. The following rates and ratios are used throughout this report.

Birth Rate (Crude)

$$= \frac{\text{Number of live births}}{\text{Population}} \quad \times \quad 1{,}000$$

Death Rate (Crude)

$$= \frac{\text{Number of deaths}}{\text{Population}} \quad \times \quad 1{,}000$$

Cause of Death Rate

$$= \frac{\text{Number of deaths from a stated cause}}{\text{Population}} \quad \times \ 100{,}000$$

Infant Death Rate

$$= \frac{\text{Number of infant deaths}}{\text{Number of live births}} \quad \times \quad 1{,}000$$

Neonatal Death Rate

$$= \frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \quad \times \quad 1{,}000$$

Fetal Death Ratio

$$= \frac{\text{Number of fetal deaths}}{\text{Number of live births}} \quad \times \quad 1{,}000$$

Maternal Death Rate

$$= \frac{\text{Number of maternal deaths}}{\text{Number of live births}} \quad \times \ 100{,}000$$

DEFINITIONS

LIVE BIRTH - A live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breaths or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

BIRTH WEIGHT - The weight of the fetus or infant at the time of delivery.

CAUSE OF DEATH - The underlying cause of death, or that condition giving rise to the chain of events leading to death.

FETAL DEATH (STILLBIRTH) - Death prior to the complete expulsion or extraction from its mother of a product of conception, having passed through at least the 20th week of gestation; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

INFANT DEATH - Death occurring to an individual of less than 1 year of age.

MATERNAL DEATH - Death attributable to delivery or a complication of pregnancy, childbirth, or the puerperium as defined by the International Classification of Diseases.

NEONATAL DEATH - The death of a liveborn infant which occurrs withing the first 27 days of life.

OCCURRENCE DATA - Vital statistics compiled on the basis of where the vital event actually occurred.

RESIDENCE DATA - Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred. For births and fetal deaths residence is defined as the mother's usual place of residence.

1981

VITAL STATISTICS REVIEW

Population (1980 Census) 1,949,644

	NUMBER	RATE
LIVE BIRTHS	27,810	14.3 per 1,000 Population
FETAL DEATHS	293	10.5 per 1,000 Live Births
DEATHS	19,039	9.8 per 1,000 Population
NEONATAL DEATHS	246	8.8 per 1,000 Live Births
INFANT DEATHS	363	13.1 per 1,000 Live Births
MATERNAL DEATHS	4	14.4 per 100,000 Live Births
MARRIAGES	16,721	8.6 per 1,000 Population
DIVORCES & ANNULMENTS	10,748	5.5 per 1,000 Population

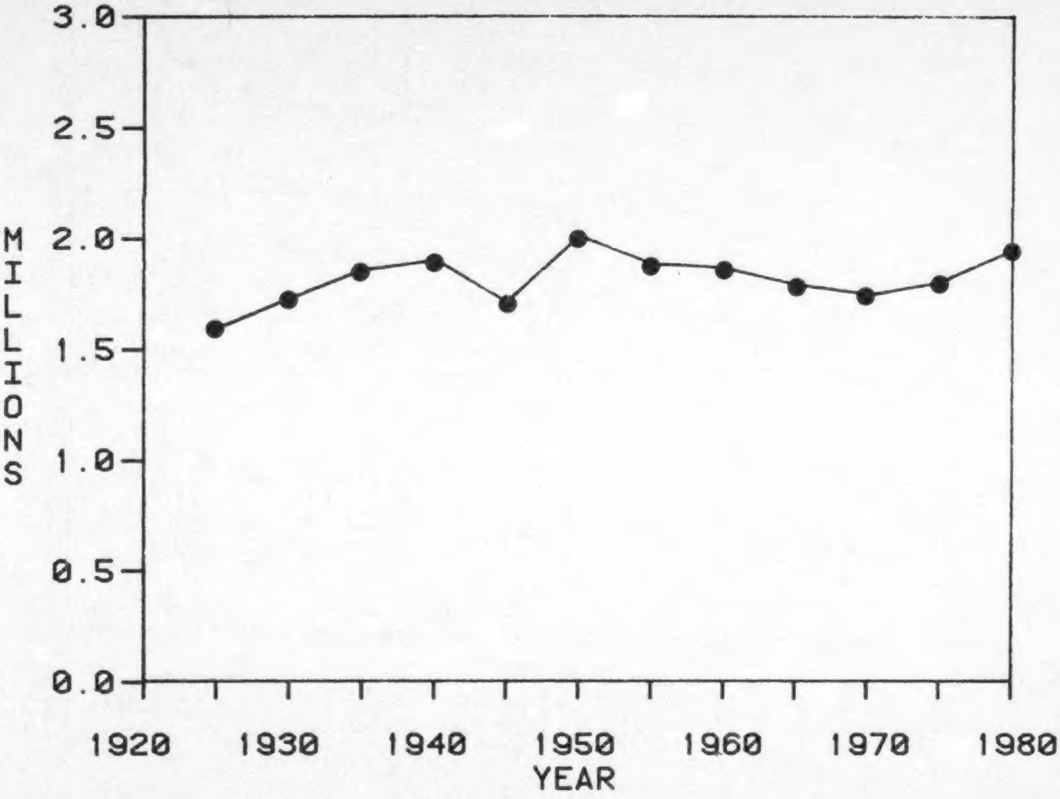
AVERAGE DAY STATISTICS
WEST VIRGINIA, 1981

Live Births	76.2
Deaths	52.2
Fetal Deaths	0.8
Infant Deaths	1.0
Heart Disease Deaths	21.8
Cancer Deaths	10.2
Cerebrovascular Deaths	4.0
Pneumonia	1.2
Accidental Deaths	2.6
Motor Vehicle Deaths	1.2
Marriages	45.8
Divorces and Annulments	29.4

POPULATION

WEST VIRGINIA POPULATION 1925-1980

Exhibit 1



YEAR	POPULATION	CHANGE IN POPULATION	
		Years	Percentage Change
1925	1,593,005		
1930	1,729,205	1925 to 1930	8.5
1935	1,856,354	1930 to 1935	7.4
1940	1,901,974	1935 to 1940	2.5
1945	1,708,000	1940 to 1945	-10.2
1950	2,005,552	1945 to 1950	17.4
1955	1,880,000	1950 to 1955	- 6.3
1960	1,860,421	1955 to 1960	- 1.0
1965	1,786,000	1960 to 1965	- 4.0
1970	1,744,237	1965 to 1970	- 2.3
1975	1,803,000	1970 to 1975	3.4
1980	1,949,644	1975 to 1980	8.1

WEST VIRGINIA POPULATION 1970 and 1980

Region and County

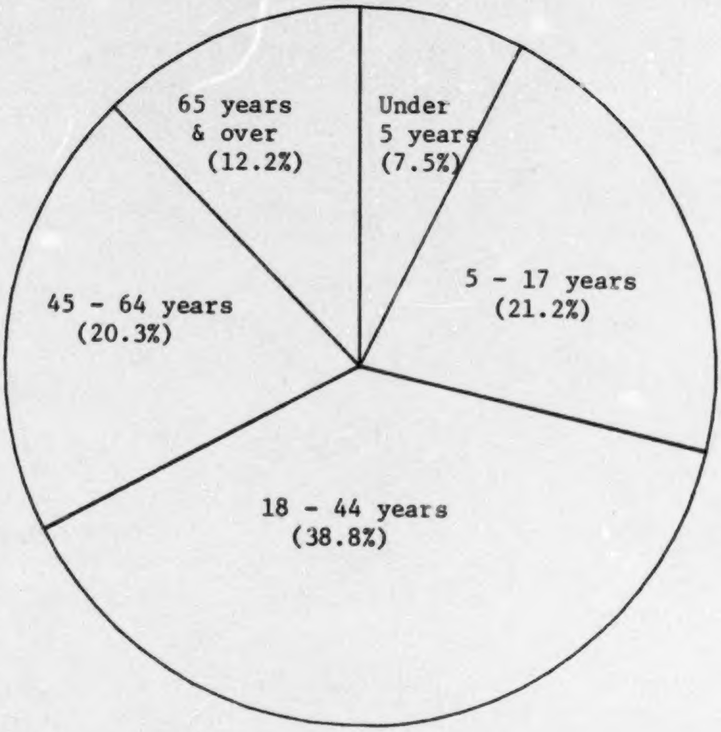
Table 1

COUNTY	1970*	1980**
TOTAL	1,744,237	1,949,644
Region 1:	238,532	275,403
McDowell	50,666	49,899
Mercer	63,206	73,942
Monroe	11,272	12,873
Raleigh	70,080	86,821
Summers	13,213	15,875
Wyoming	30,095	35,993
Region 2:	266,766	291,591
Cabell	106,918	106,835
Lincoln	18,912	23,675
Logan	46,269	50,679
Mason	24,306	27,045
Mingo	32,780	37,336
Wayne	37,581	46,021
Region 3:	291,588	311,307
Boone	25,118	30,447
Clay	9,330	11,265
Kanawha	229,515	231,414
Putnam	27,625	38,181
Region 4:	122,653	145,818
Fayette	49,332	57,863
Greenbrier	32,090	37,665
Nicholas	22,552	28,126
Pocahontas	8,870	9,919
Webster	9,809	12,245
Region 5:	160,380	179,564
Calhoun	7,046	8,250
Jackson	20,903	25,794
Pleasants	7,274	8,236
Ritchie	10,145	11,442
Roane	14,111	15,952
Tyler	9,929	11,320
Wirt	4,154	4,922
Wood	86,818	93,648
Region 6:	243,820	273,000
Doddridge	6,389	7,433
Harrison	73,028	77,710
Marion	61,356	65,789
Monongalia	63,714	75,024
Preston	25,455	30,460
Taylor	13,878	16,584
Region 7:	103,460	118,516
Barbour	14,030	16,639
Braxton	12,666	13,894
Gilmer	7,782	8,334
Lewis	17,847	18,813
Randolph	24,596	28,734
Tucker	7,447	8,675
Upshur	19,092	23,427
Region 8:	59,312	70,251
Grant	8,607	10,210
Hampshire	11,710	14,867
Hardy	8,855	10,030
Mineral	23,109	27,234
Pendleton	7,031	7,910
Region 9:	66,183	87,788
Berkeley	36,356	46,775
Jefferson	21,280	30,302
Morgan	8,547	10,711
Region 10:	121,351	124,871
Marshall	37,598	41,608
Ohio	63,439	61,389
Wetzel	20,314	21,874
Region 11:	70,192	71,535
Brooke	30,443	31,117
Hancock	39,749	40,418

*Source: Population April 1, 1970 Census as prepared by the U.S. Department of Commerce, Bureau of the Census, "Current Population Reports", Series P-26, No. 77-48.

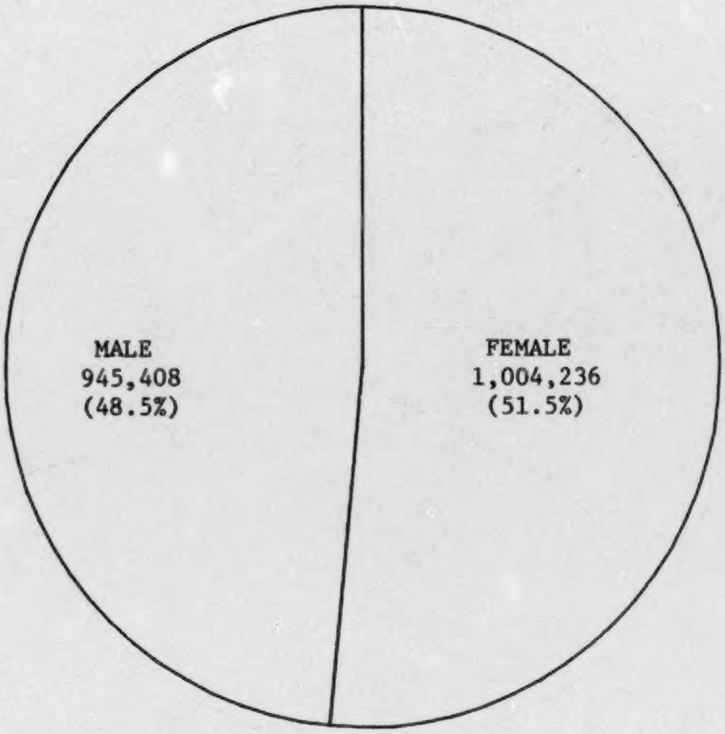
**Source: "West Virginia Final Population and Housing Unit Counts", U.S. Department of Commerce, Bureau of the Census, PHC80-V-50, March, 1981.

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980
Age Group Distribution
Exhibit 2



AGE	NUMBER	PERCENT
Under 5 Years	145,583	7.5
5-17 Years	414,053	21.2
18-44 Years	756,152	38.8
45-64 Years	395,988	20.3
65 Years and Over	237,868	12.2
TOTAL	1,949,644	100.0

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980
Sex Distribution
Exhibit 3

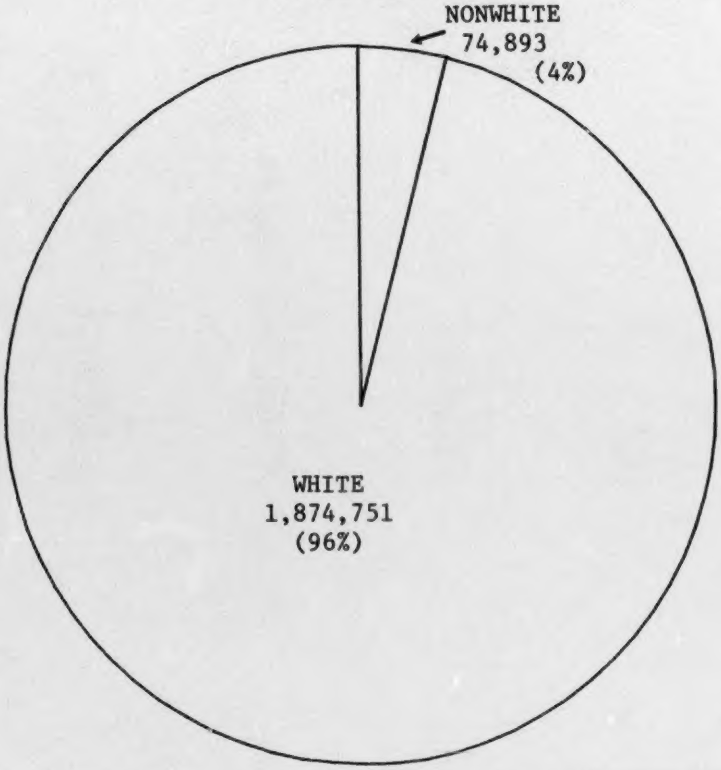


SEX	1970 CENSUS		1980 CENSUS	
	Number	Percent	Number	Percent
Female	899,568	51.6%	1,004,236	51.5%
Male	844,669	48.4%	945,408	48.5%
TOTAL	1,744,237	100%	1,949,644	100%

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980

Race Distribution

Exhibit 4



RACE	NUMBER	PERCENT
American Indian, Eskimo and Aleut	1,610	.08%
Asian and Pacific Islander[1]	5,194	.26%
Black	65,051	3.33%
Other	3,038	.15%
White	1,874,751	96.15%
TOTAL	1,949,644	100%
Spanish Origin[2]	12,707	.65%

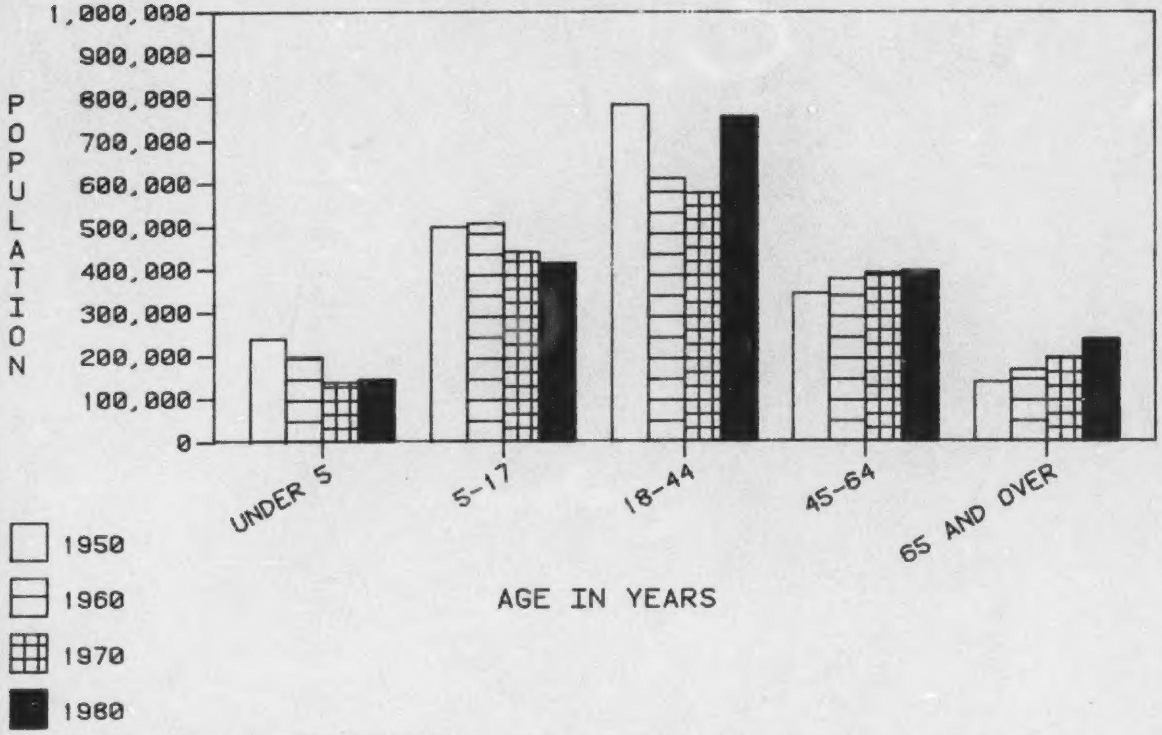
[1] Some Asian and Pacific Islander groups such as Cambodian, Laotian, and Thai are included in the "Other" category. In sample tabulations, these groups will be included in the Asian and Pacific Islander category.

[2] Persons of Spanish origin may be of any race.

WEST VIRGINIA POPULATION 1950-1980

Age Group Distribution

Exhibit 5



AGE IN YEARS	1950*	1960**	1970***	1980****
Under 5 Years	240,107	196,291	138,249	145,583
5-17 Years	499,748	507,531	441,988	414,053
18-44 Years	783,444	612,461	577,787	756,152
45-64 Years	343,727	377,888	391,739	395,988
65 Years and Over	138,526	166,250	194,474	237,868
TOTAL	2,005,552	1,860,421	1,744,237	1,949,644

*1950 United States Census of Population
**1960 United States Census of Population - Detailed Characteristics
***1970 United States Census of Population - General Population Characteristics
****1980 United States Census of Population, Supplementary Report PC80-S1-1, May, 1981.

WEST VIRGINIA POPULATION 1980
Age Group Distribution by County
Table 2

County of Residence	Under 5 Years	5-9 Years	10-19 Years	20-44 Years	45-64 Years	65 & Over	TOTAL
Barbour	1,190	1,335	3,005	5,613	3,144	2,352	16,639
Berkeley	3,532	3,682	7,993	16,572	9,671	5,325	46,775
Boone	2,766	2,892	5,207	10,998	5,665	2,919	30,447
Braxton	955	1,072	2,398	4,482	2,803	2,184	13,894
Brooke	2,160	2,334	5,356	10,886	6,871	3,510	31,117
Cabell	7,109	7,366	17,046	38,066	22,647	14,601	106,835
Calhoun	649	636	1,395	2,728	1,586	1,256	8,250
Clay	972	1,060	2,222	3,682	2,000	1,329	11,265
Doddridge	550	614	1,377	2,331	1,415	1,146	7,433
Fayette	4,550	4,747	10,106	18,823	11,767	7,870	57,863
Gilmer	621	553	1,654	2,847	1,436	1,223	8,334
Grant	766	842	1,806	3,545	2,025	1,226	10,210
Greenbrier	2,688	2,781	6,383	12,725	7,613	5,475	37,665
Hampshire	1,079	1,207	2,809	4,857	3,074	1,841	14,867
Hancock	2,766	3,162	6,697	13,979	9,290	4,524	40,418
Hardy	664	719	1,737	3,366	2,157	1,387	10,030
Harrison	5,368	5,887	12,536	25,607	17,006	11,306	77,710
Jackson	1,920	2,011	4,809	9,158	5,243	2,653	25,794
Jefferson	2,255	2,477	5,566	11,203	5,731	3,070	30,302
Kanawha	16,467	16,150	35,490	83,710	52,004	27,593	231,414
Lewis	1,349	1,378	3,020	6,108	3,898	3,060	18,813
Lincoln	1,982	2,183	4,601	8,037	4,337	2,535	23,675
Logan	4,681	4,865	8,818	17,655	9,891	4,769	50,679
McDowell	4,514	4,831	9,587	16,263	9,553	5,151	49,899
Marion	4,404	4,818	10,624	22,291	14,246	9,406	65,789
Marshall	2,949	3,411	6,894	14,818	8,656	4,880	41,608
Mason	2,175	2,102	4,655	9,504	5,459	3,150	27,045
Mercer	5,406	5,861	12,307	25,517	15,295	9,556	73,942
Mineral	1,991	2,201	5,013	9,322	5,483	3,224	27,234
Mingo	3,582	3,669	7,170	13,001	6,743	3,171	37,336

WEST VIRGINIA POPULATION 1980
Age Group Distribution by County
Table 2 (cont'd)

County of Residence	Under 5 Years	5-9 Years	10-19 Years	20-44 Years	45-64 Years	65 & Over	TOTAL
Monongalia	4,699	4,551	12,990	33,805	12,054	6,925	75,024
Monroe	931	1,004	2,248	4,113	2,704	1,873	12,873
Morgan	722	830	1,810	3,545	2,373	1,431	10,711
Nicholas	2,368	2,471	5,111	9,780	5,430	2,966	28,126
Ohio	3,719	3,889	9,707	20,813	13,841	9,420	61,389
Pendleton	592	542	1,241	2,714	1,607	1,214	7,910
Pleasants	589	675	1,557	2,920	1,579	916	8,236
Pocahontas	693	676	1,671	3,216	2,041	1,622	9,919
Preston	2,515	2,502	5,343	10,459	5,784	3,857	30,460
Putnam	3,053	3,189	6,610	14,651	7,276	3,402	38,181
Raleigh	7,193	7,468	14,091	30,266	17,414	10,389	86,821
Randolph	2,020	2,158	5,081	10,252	5,349	3,874	28,734
Ritchie	889	882	1,838	3,717	2,199	1,917	11,442
Roane	1,265	1,198	2,568	5,394	3,260	2,267	15,952
Summers	1,208	1,117	2,446	5,629	3,313	2,162	15,875
Taylor	1,231	1,314	2,868	5,494	3,326	2,351	16,584
Tucker	593	662	1,536	2,854	1,662	1,368	8,675
Tyler	828	918	2,131	3,730	2,226	1,487	11,320
Upshur	1,735	1,856	4,308	8,596	3,999	2,933	23,427
Wayne	3,554	3,921	8,294	16,159	9,266	4,827	46,021
Webster	1,005	1,126	2,233	4,030	2,259	1,592	12,245
Wetzel	1,569	1,858	4,013	7,447	4,286	2,701	21,874
Wirt	329	395	976	1,637	928	657	4,922
Wood	6,765	7,173	16,144	33,597	18,605	11,364	93,648
Wyoming	3,458	3,581	6,597	13,198	6,498	2,661	35,993
TOTAL	145,583	152,802	331,693	685,710	395,988	237,868	1,949,644

*SOURCE: 1980 West Virginia Census Population Profile, STF1.

WEST VIRGINIA POPULATION 1940-1981
Birth and Death Rates
Table 3

YEAR	ESTIMATED MID-YEAR POPULATION	BIRTH RATE (per 1,000 Population)	DEATH RATE (per 1,000 Population)
1940	1,901,974A	22.0	9.2
1941	1,885,000	23.1	9.4
1942	1,831,000	23.8	9.3
1943	1,741,000	25.2	10.0
1944	1,706,000	24.0	9.8
1945	1,708,000	22.5	9.6
1946	1,826,000	26.4	8.8
1947	1,883,000	28.8	9.1
1948	1,899,000	27.5	9.3
1949	1,930,000	27.1	8.9
1950	2,005,552A	25.4	8.7
1951	1,984,000	25.7	8.6
1952	1,957,000	25.3	8.8
1953	1,929,000	24.2	8.6
1954	1,905,000	24.5	8.5
1955	1,880,000	23.5	8.9
1956	1,857,000	23.8	9.1
1957	1,843,000	24.1	9.7
1958	1,845,000	24.1	9.6
1959	1,855,000	22.8	9.5
1960B	1,860,421A	21.3	9.7
1961	1,828,000	21.3	9.8
1962	1,809,000	20.6	10.3
1963	1,796,000	19.8	10.8
1964	1,797,000	19.8	10.4
1965	1,786,000	17.9	10.7
1966	1,775,000	16.9	10.9
1967	1,769,000	16.6	10.9
1968	1,763,000	16.5	11.1
1969C	1,746,000	16.4	11.3
1970	1,744,237A	17.3	11.4
1971D	1,768,000	17.6	11.1
1972	1,795,000	16.3	11.5
1973	1,782,000	15.4	11.2
1974	1,784,000	15.5	10.9
1975	1,803,000E	15.5	10.8
1976	1,833,000E	15.6	10.7
1977	1,853,000E	16.2	10.4
1978	1,860,000E	15.6	10.4
1979	1,878,000E	15.8	10.0
1980	1,949,644A	15.1	9.8
1981	1,949,644A	14.3	9.8

A Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)

B Source of data 1925 through 1960: "Vital Statistics Rates in the United States 1900-1940", United States Department of Commerce, Bureau of the Census; "Vital Statistics Rates in the United States 1940-1960", U.S. Department of Health, Education and Welfare, Public Health Service.

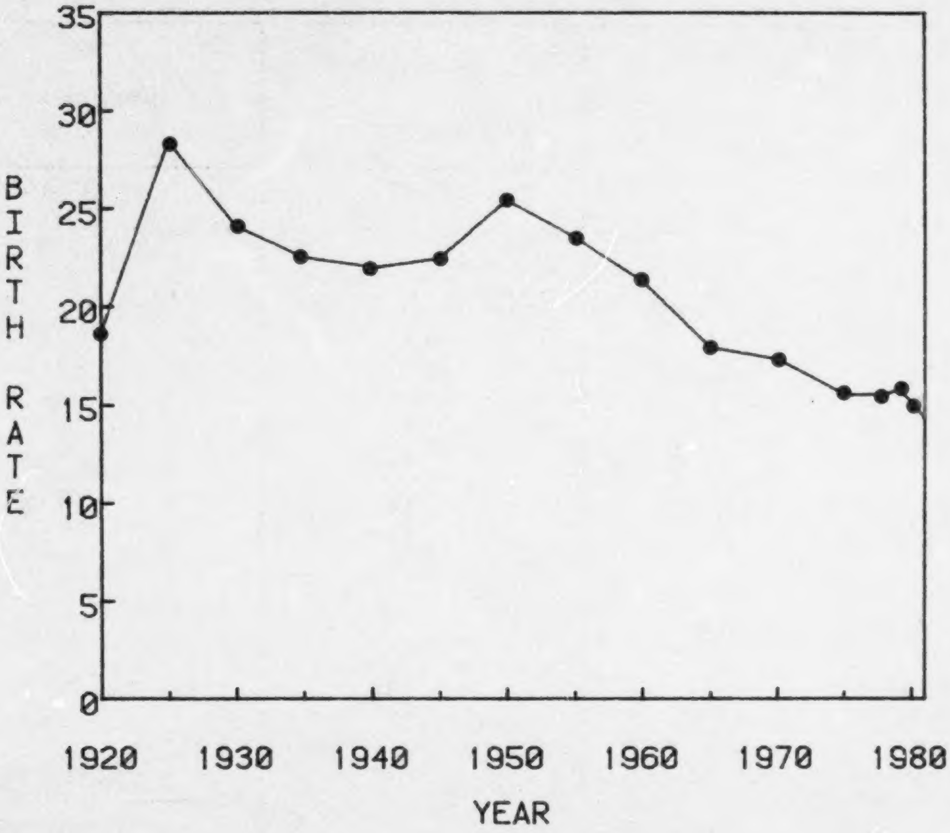
C Population estimates 1961-1969 as prepared by the U.S. Department of Commerce/ Bureau of the Census "Current Population Reports", Series P-25, No. 460, June 7, 1971.

D Population estimates 1971-1975 as prepared by the U.S. Department of Commerce/ Bureau of Census "Current Population Reports", Series P-25.

E "Current Population Report" Series P-25, No. 861.

BIRTHS

WEST VIRGINIA RESIDENT BIRTHS 1920-1981
Number and Rate
Exhibit 6



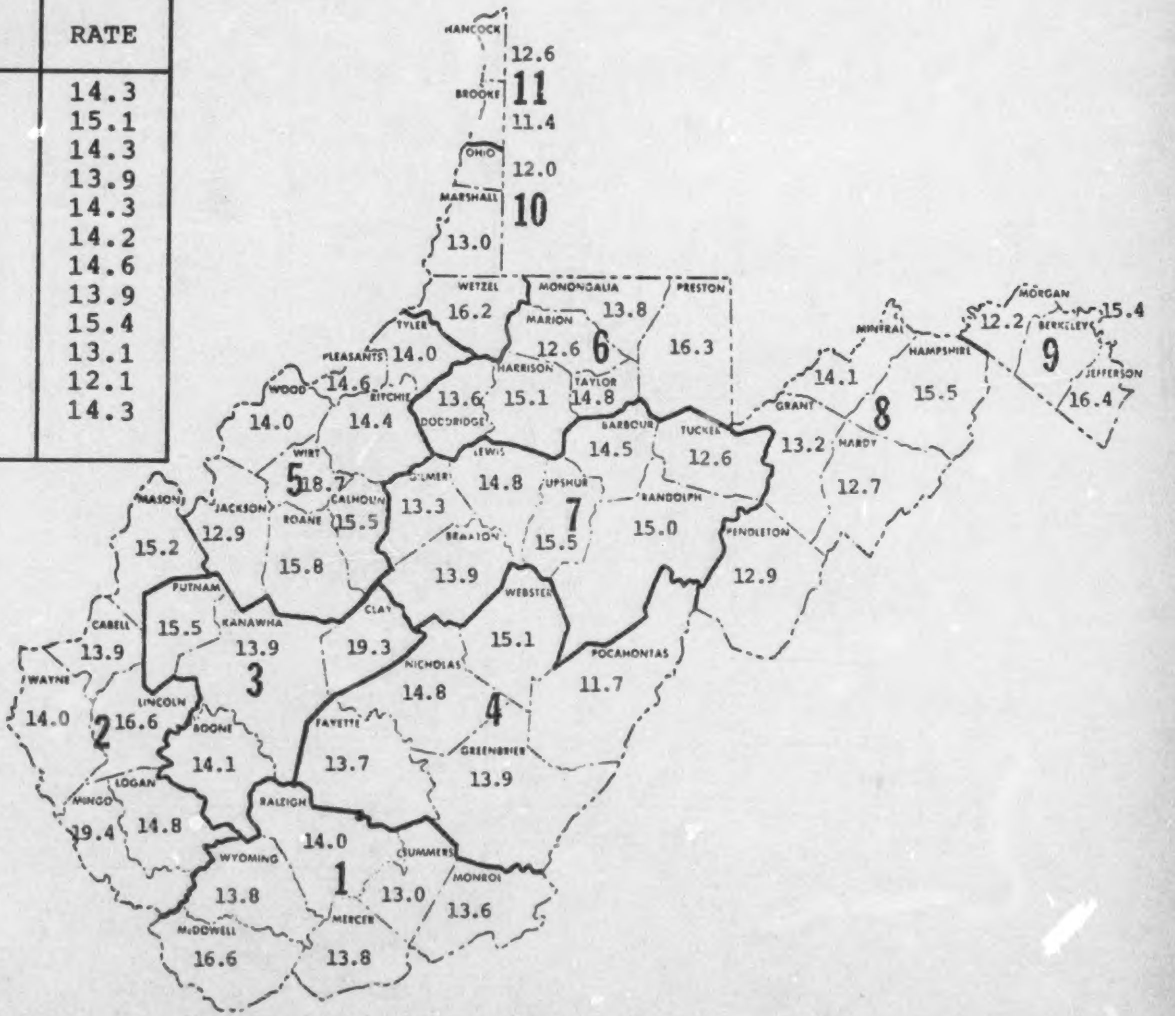
YEAR OF BIRTH	NUMBER OF LIVE BIRTHS	RATE PER 1,000 POPULATION
1920	27,550	18.7
1925	45,240	28.4
1930	41,614	24.1
1935	41,775	22.5
1940	41,900	22.0
1945	38,446	22.5
1950	50,850	25.4
1955	44,199	23.5
1960	39,696	21.3
1965	31,958	17.9
1970	30,194	17.3
1975	27,960	15.5
1978	28,950	15.6
1979	29,726	15.8
1980	29,438	15.1
1981	27,810	14.3

WEST VIRGINIA RESIDENT BIRTHS 1981
Summary Totals
Table 4

	NUMBER	PERCENT OF TOTAL
TOTAL	27,810	100.0
SEX		
Male	14,167	50.9
Female	13,643	49.1
RACE		
White	26,663	95.9
Non-White	1,147	4.1
ATTENDANT AT BIRTH		
Physician	27,386	98.5
Midwife and Other	424	1.5
PLACE OF BIRTH		
Hospital	27,610	99.3
Non-Hospital	200	0.7
MARITAL STATUS		
White:		
Married	23,526	84.6
Not Married	3,137	11.3
Non-White:		
Married	591	2.1
Not Married	556	2.0

WEST VIRGINIA RESIDENT BIRTHS 1981
Rates per Thousand Population
Region and County
Exhibit 7

REGION	1980 POPULATION	NUMBER OF LIVE BIRTHS	RATE
1	275,403	3,937	14.3
2	291,591	4,403	15.1
3	311,307	4,446	14.3
4	145,818	2,033	13.9
5	179,564	2,562	14.3
6	273,000	3,876	14.2
7	118,516	1,727	14.6
8	70,251	979	13.9
9	87,788	1,349	15.4
10	124,871	1,633	13.1
11	71,535	865	12.1
TOTAL	1,949,644	27,810	14.3


HANCOCK
12.6
BROOKE
11
11.4
OHIO
12.0
MARSHALL
10
13.0
WETZEL
16.2
MONONGALIA
13.8
PRESTON
16.3
MARION
12.6
6
TYLER
14.0
PLEASANTS
14.6
WOOD
14.0
RITCHIE
14.4
HARRISON
15.1
DODDRIDGE
13.6
TAYLOR
14.8
BARBOUR
14.5
TUCKER
12.6
WIRT
5
18.7
CALHOUN
15.5
JACKSON
12.9
ROANE
15.8
GILMER
13.3
LEWIS
14.8
UPSHUR
7
15.5
RANDOLPH
15.0
BRAXTON
13.9
MASON
15.2
PUTNAM
15.5
KANAWHA
13.9
3
CLAY
19.3
WEBSTER
15.1
CABELL
13.9
WAYNE
14.0
LINCOLN
16.6
2
BOONE
14.1
NICHOLAS
14.8
4
FAYETTE
13.7
GREENBRIER
13.9
POCAHONTAS
11.7
PENDLETON
12.9
MINGO
19.4
LOGAN
14.8
RALEIGH
14.0
WYOMING
13.8
SUMMERS
13.0
1
MONROE
13.6
McDOWELL
16.6
MERCER
13.8
MINERAL
14.1
GRANT
13.2
HARDY
12.7
HAMPSHIRE
15.5
8
MORGAN
12.2
BERKELEY
15.4
9
JEFFERSON
16.4

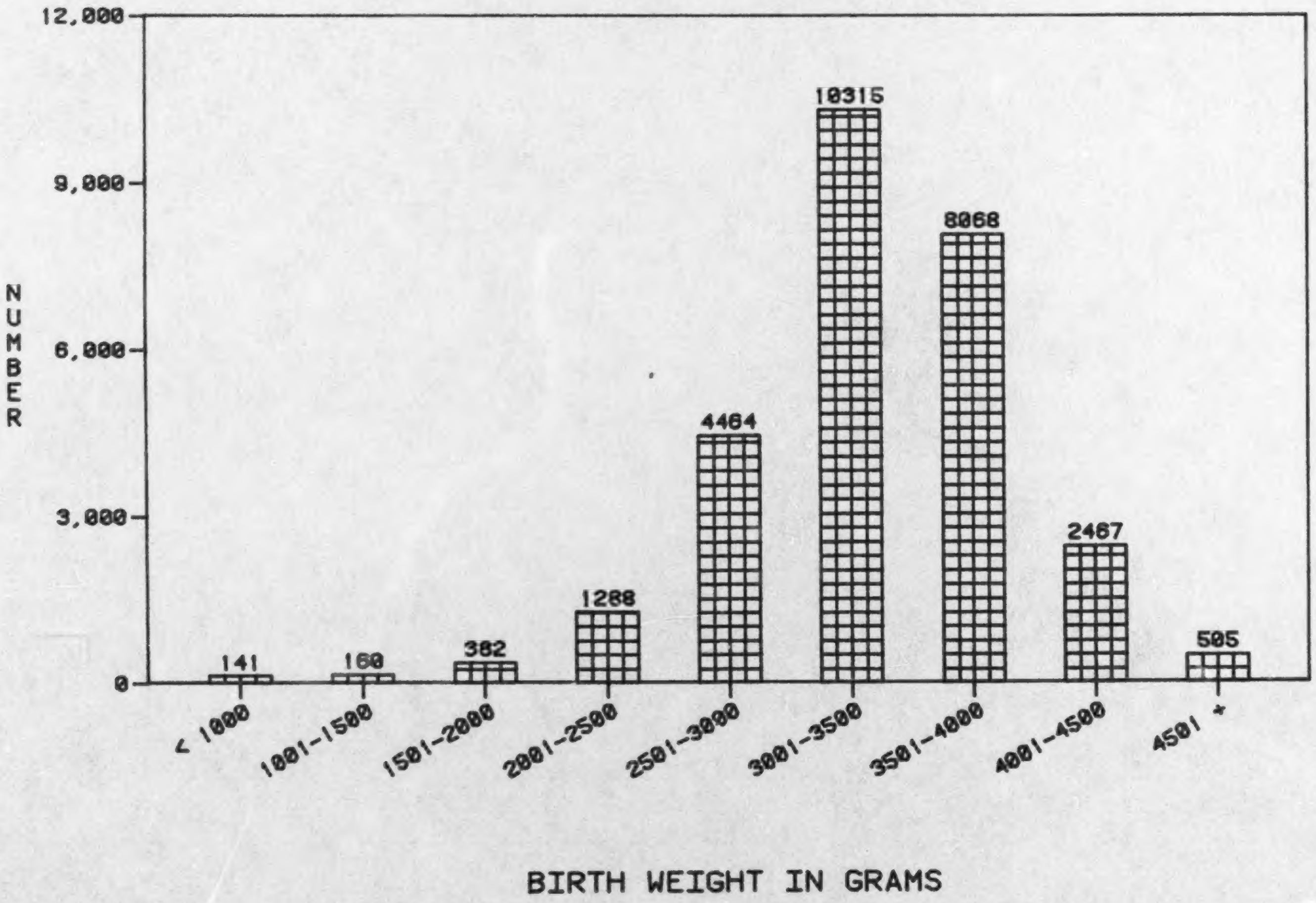
WEST VIRGINIA BIRTHS 1981
Number by County of Residence and Occurrence
Rate by County of Residence
Table 5

AREA	RESIDENCE		OCCURRENCE
	NUMBER	RATE	
REGION 1:	3,937	14.3	4,570
MCDOWELL	828	16.6	96
MERCER	1,018	13.8	2,076
MONROE	175	13.6	3
RALEIGH	1,214	14.0	2,158
SUMMERS	207	13.0	185
WYOMING	495	13.8	52
REGION 2:	4,403	15.1	4,682
CABELL	1,482	13.9	3,195
LINCOLN	394	16.6	2
LOGAN	751	14.8	909
MASON	410	15.2	414
MINGO	723	19.4	162
WAYNE	643	14.0	0
REGION 3:	4,446	14.3	4,973
BOONE	430	14.1	7
CLAY	217	19.3	0
KANAWHA	3,209	13.9	4,961
PUTNAM	590	15.5	5
REGION 4:	2,033	13.9	1,217
FAYETTE	790	13.7	263
GREENBRIER	525	13.9	463
NICHOLAS	417	14.8	321
POCAHONTAS	116	11.7	33
WEBSTER	185	15.1	137
REGION 5:	2,562	14.3	2,450
CALHOUN	128	15.5	151
JACKSON	334	12.9	176
PLEASANTS	120	14.6	0
RITCHIE	165	14.4	3
ROANE	252	15.8	91
TYLER	158	14.0	86
WIRT	92	18.7	1
WOOD	1,313	14.0	1,942
REGION 6:	3,876	14.2	4,328
DODDRIDGE	101	13.6	0
HARRISON	1,173	15.1	1,284
MARION	827	12.6	980
MONONGALIA	1,032	13.8	1,953
PRESTON	498	16.3	71
TAYLOR	245	14.8	40
REGION 7:	1,727	14.6	1,575
BARBOUR	242	14.5	105
BRAXTON	193	13.9	50
GILMER	111	13.3	5
LEWIS	278	14.8	293
RANDOLPH	430	15.0	802
TUCKER	109	12.6	19
UPSHUR	364	15.5	301
REGION 8:	979	13.9	154
GRANT	135	13.2	59
HAMPSHIRE	230	15.5	83
HARDY	127	12.7	1
MINERAL	385	14.1	8
PENDLETON	102	12.9	3
REGION 9:	1,349	15.4	956
BERKELEY	720	15.4	555
JEFFERSON	498	16.4	382
MORGAN	131	12.2	19
REGION 10:	1,633	13.1	3,064
MARSHALL	541	13.0	369
OHIO	737	12.0	2,465
WETZEL	355	16.2	230
REGION 11:	865	12.1	402
BROOKE	355	11.4	400
HANCOCK	510	12.6	2
TOTAL	27,810	14.3	28,371

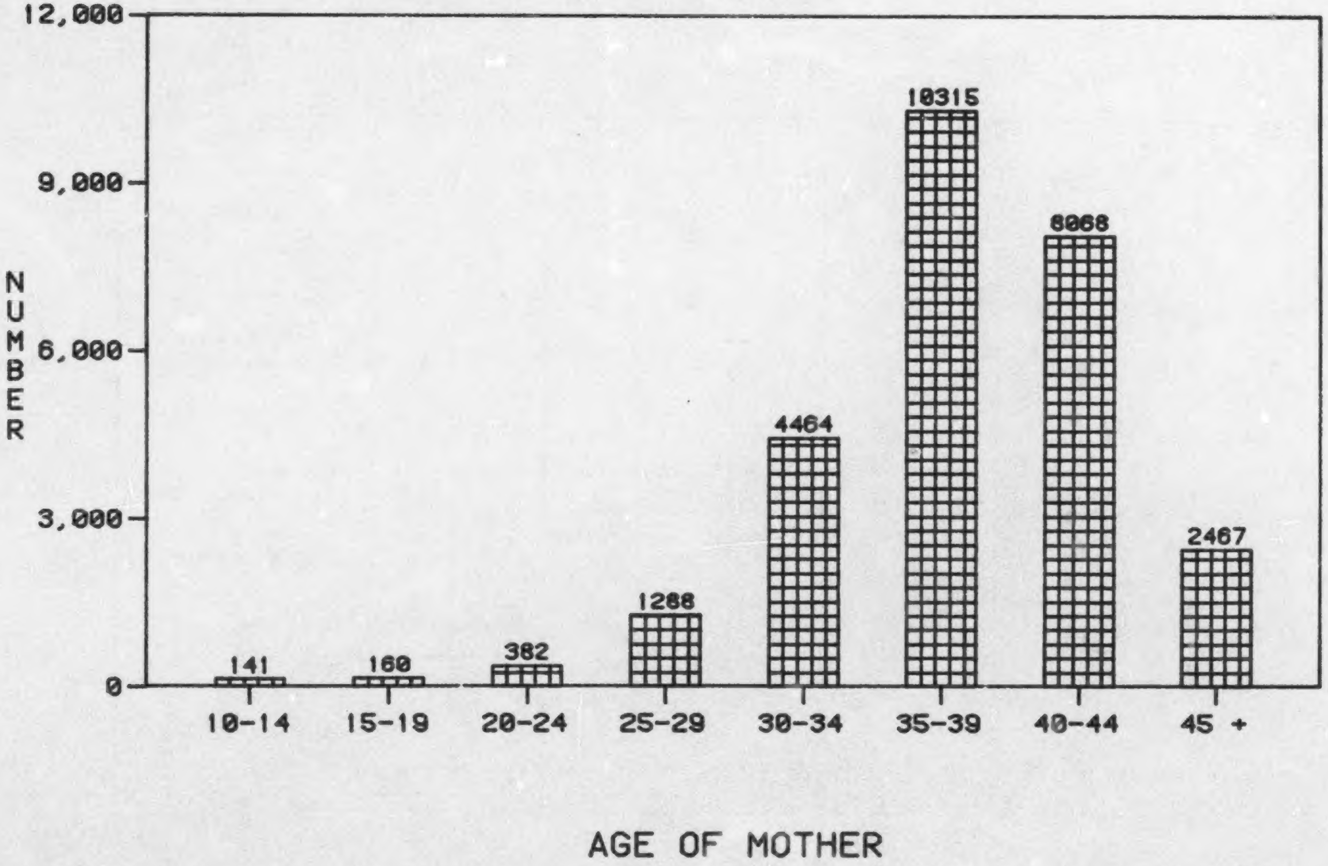
WEST VIRGINIA RESIDENT BIRTHS 1977-1981
Number by County of Residence
Table 6

COUNTY	1977	1978	1979	1980	1981	COUNTY	1977	1978	1979	1980	1981
BARBOUR	226	220	260	254	242	MONONGALIA	975	967	958	947	1,032
BERKELEY	710	691	708	710	720	MONROE	188	167	186	187	175
BOONE	574	480	511	505	430	MORGAN	127	142	130	121	131
BRAXTON	200	177	200	196	193	NICHOLAS	499	503	485	440	417
BROOKE	373	360	403	408	355	OHIO	806	709	785	783	737
CABELL	1,592	1,534	1,575	1,517	1,482	PENDLETON	103	117	124	116	102
CALHOUN	136	148	128	152	128	PLEASANTS	100	99	124	123	120
CLAY	190	187	188	198	217	POCAHONTAS	163	132	153	140	116
DODDRIDGE	109	79	97	116	101	PRESTON	478	515	521	500	498
FAYETTE	941	972	900	939	790	PUTNAM	534	531	603	584	590
GILMER	127	122	132	125	111	RALEIGH	1,463	1,396	1,402	1,326	1,214
GRANT	154	127	153	130	135	RANDOLPH	428	450	401	420	430
GREENBRIER	544	493	542	570	525	RITCHIE	173	168	178	169	165
HAMPSHIRE	210	194	210	208	230	ROANE	255	271	272	259	252
HANCOCK	562	438	538	550	510	SUMMERS	274	240	242	248	207
HARDY	133	140	117	143	127	TAYLOR	232	224	255	256	245
HARRISON	1,019	1,087	1,153	1,149	1,173	TUCKER	120	89	126	119	109
JACKSON	368	327	387	466	334	TYLER	152	151	149	153	158
JEFFERSON	250	447	467	516	498	UPSHUR	362	362	375	391	364
KANAWHA	3,658	3,571	3,483	3,468	3,209	WAYNE	682	671	656	685	643
LEWIS	291	270	256	270	278	WEBSTER	206	197	203	201	185
LINCOLN	414	400	406	391	394	WETZEL	326	314	315	327	355
LOGAN	1,078	912	934	860	751	WIRT	65	69	63	79	92
MCDOWELL	1,144	983	979	882	828	WOOD	1,357	1,366	1,435	1,401	1,313
MARION	909	911	920	894	827	WYOMING	714	625	580	605	495
MARSHALL	581	573	617	564	541						
MASON	379	384	464	430	410	TOTAL	30,020	28,950	29,726	29,438	27,810
MERCER	1,189	1,061	1,105	1,102	1,018						
MINERAL	380	383	416	401	385						
MINGO	797	804	756	744	723						

WEST VIRGINIA RESIDENT BIRTHS 1981
Birth Weight in Grams
Exhibit 8



WEST VIRGINIA RESIDENT BIRTHS 1981
Age of Mother
Exhibit 9



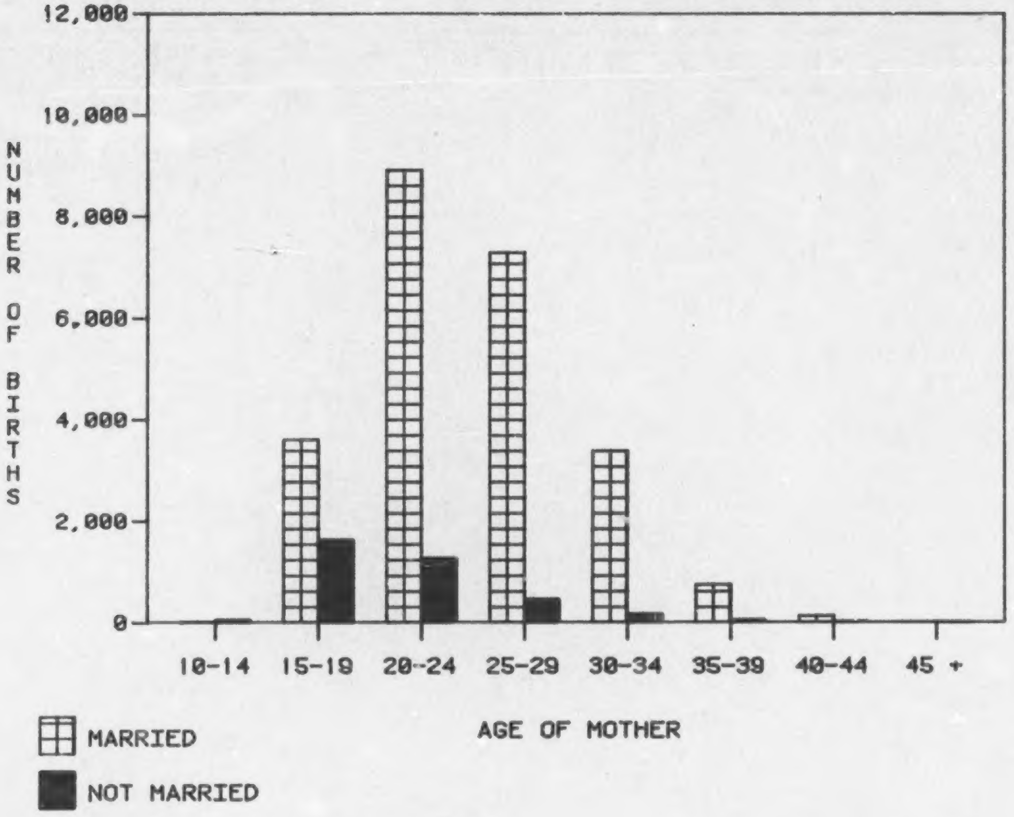
WEST VIRGINIA RESIDENT BIRTHS 1981
Birth Weight by Age of Mother
Table 7

BIRTH WEIGHT	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 AND OVER	UNKNOWN	TOTAL
1,000 GRAMS OR LESS (2.207 LBS. OR LESS)	2	34	47	32	20	5	1	0	0	141
1,001 - 1,500 GRAMS (2.208 - 3.312 LBS.)	0	42	54	40	17	4	2	1	0	160
1,501 - 2,000 GRAMS (3.313 - 4.416 LBS.)	3	88	124	87	53	18	8	1	0	382
2,001 - 2,500 GRAMS (4.417 - 5.520 LBS.)	8	330	458	319	125	34	14	0	0	1,288
2,501 - 3,000 GRAMS (5.521 - 6.624 LBS.)	14	1,046	1,701	1,111	455	107	27	3	0	4,464
3,001 - 3,500 GRAMS (6.625 - 7.727 LBS.)	30	2,019	3,932	2,795	1,200	285	49	3	2	10,315
3,501 - 4,000 GRAMS (7.728 - 8.831 LBS.)	16	1,287	2,899	2,416	1,161	243	42	2	2	8,068
4,001 - 4,500 GRAMS (8.832 - 9.934 LBS.)	2	343	811	770	424	94	23	0	0	2,467
4,501 OR MORE GRAMS (9.936 OR MORE LBS.)	0	43	150	172	106	28	6	0	0	505
UNKNOWN	0	4	4	8	3	1	0	0	0	20
TOTAL	75	5,236	10,180	7,750	3,564	819	172	10	4	27,810

WEST VIRGINIA RESIDENT BIRTHS 1981
Age of Mother by Region and County of Residence
Table 8

AREA	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 YEARS AND OVER	UNKNOWN	TOTAL
REGION 1:	14	874	1,471	990	448	112	25	3	0	3,937
MCDOWELL	1	232	317	169	76	25	6	2	0	828
MERCER	6	214	370	262	118	39	9	0	0	1,018
MONROE	0	29	65	48	31	0	2	0	0	175
RALEIGH	4	244	435	344	156	27	4	0	0	1,214
SUMMERS	0	48	74	54	19	10	2	0	0	207
WYOMING	3	107	210	113	48	11	2	1	0	495
REGION 2:	14	980	1,645	1,094	523	120	27	0	0	4,403
CABELL	2	298	516	429	188	39	10	0	0	1,482
LINCOLN	1	101	156	79	43	12	2	0	0	394
LOGAN	5	187	283	176	75	16	9	0	0	751
MASON	3	89	149	100	52	16	1	0	0	410
MINGO	3	180	296	140	84	16	4	0	0	723
WAYNE	0	125	245	170	81	21	1	0	0	643
REGION 3:	16	765	1,579	1,331	599	136	17	1	2	4,446
BOONE	1	97	154	117	40	19	1	0	1	430
CLAY	2	63	79	53	13	6	0	1	0	217
KANAWHA	12	514	1,144	979	455	90	14	0	1	3,209
PUTNAM	1	91	202	182	91	21	2	0	0	590
REGION 4:	4	390	731	559	266	68	14	0	1	2,033
FAYETTE	1	154	296	228	78	27	5	0	1	790
GREENBRIER	0	91	175	148	89	20	2	0	0	525
NICHOLAS	1	78	150	112	59	12	5	0	0	417
POCAHONTAS	0	31	40	31	11	3	0	0	0	116
WEBSTER	2	36	70	40	29	6	2	0	0	185
REGION 5:	2	473	999	714	297	56	20	1	0	2,562
CALHOUN	1	27	54	37	9	0	0	0	0	128
JACKSON	0	57	136	96	37	6	2	0	0	334
PLEASANTS	0	26	48	32	9	3	2	0	0	120
RITCHIE	0	34	65	42	19	3	2	0	0	165
ROANE	0	49	109	68	20	5	1	0	0	252
TYLER	0	33	59	39	23	1	3	0	0	158
WIRT	0	19	46	16	5	4	2	0	0	92
WOOD	1	228	482	384	175	34	8	1	0	1,313
REGION 6:	4	615	1,405	1,201	497	119	31	4	0	3,876
DODDRIDGE	0	19	42	23	15	1	1	0	0	101
HARRISON	2	199	431	323	157	46	11	4	0	1,173
MARION	1	133	317	256	99	19	2	0	0	827
MONONGALIA	0	117	326	407	143	31	8	0	0	1,032
PRESTON	1	97	198	121	60	13	8	0	0	498
TAYLOR	0	50	91	71	23	9	1	0	0	245
REGION 7:	9	318	623	474	233	53	16	1	0	1,727
BARBOUR	0	47	98	65	21	9	2	0	0	242
BRAXTON	2	41	63	53	28	3	3	0	0	193
GILMER	1	20	40	33	13	3	1	0	0	111
LEWIS	4	56	97	74	33	13	1	0	0	278
RANDOLPH	0	82	163	111	59	13	2	0	0	430
TUCKER	0	16	36	35	19	2	1	0	0	109
UPSHUR	2	56	126	103	60	10	6	1	0	364
REGION 8:	3	179	376	250	133	34	4	0	0	979
GRANT	0	20	52	40	19	4	0	0	0	135
HAMPSHIRE	1	45	88	56	31	7	2	0	0	230
HARDY	0	24	51	38	9	5	0	0	0	127
MINERAL	1	76	145	96	56	10	1	0	0	385
PENDLETON	1	14	40	20	18	8	1	0	0	102
REGION 9:	5	257	476	346	203	54	8	0	0	1,349
BERKELEY	4	137	254	187	104	32	2	0	0	720
JEFFERSON	1	93	175	131	77	18	3	0	0	498
MORGAN	0	27	47	28	22	4	3	0	0	131
REGION 10:	3	272	550	521	242	38	7	0	0	1,633
MARSHALL	1	104	172	178	71	12	3	0	0	541
OHIO	2	101	242	244	128	16	4	0	0	737
WETZEL	0	67	136	99	43	10	0	0	0	355
REGION 11:	1	113	325	270	123	29	3	0	1	865
BROOKE	0	42	128	116	58	11	0	0	0	355
HANCOCK	1	71	197	154	65	18	3	0	1	510
TOTAL	75	5,236	10,180	7,750	3,564	819	172	10	4	27,810

WEST VIRGINIA RESIDENT BIRTHS 1981
Marital Status by Age of Mother
Exhibit 10



MARITAL STATUS	AGE OF MOTHER									TOTAL
	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 Years & Over	Unknown	
Married:										
Number	21	3,608	8,903	7,286	3,380	755	152	9	3	24,117
Percent	28.0	68.9	87.5	94.0	94.8	92.2	88.4	90.0	75.0	86.7
Not Married:										
Number	54	1,628	1,277	464	184	64	20	1	1	3,693
Percent	72.0	31.1	12.5	6.0	5.2	7.8	11.6	10.0	25.0	13.3
TOTAL										
Number	75	5,236	10,180	7,750	3,564	819	172	10	4	27,810
Percent	0.3	18.8	36.6	27.9	12.8	2.9	0.6	0.0	0.0	100.0

WEST VIRGINIA RESIDENT BIRTHS 1981
Place of Delivery, Race, Sex and Marital Status by County of Residence
Table 9

COUNTY OF RESIDENCE	PLACE OF DELIVERY		WHITE		NON-WHITE		NUMBER OF BIRTHS TO UNMARRIED MOTHERS	TOTAL
	HOSPITAL	NON-HOSPITAL	MALE	FEMALE	MALE	FEMALE		
BARBOUR	240	2	133	102	2	5	35	242
BERKELEY	717	3	352	333	20	15	114	720
BOONE	429	1	205	217	5	3	57	430
BRAXTON	192	1	92	101	0	0	29	193
BROOKE	353	2	179	170	6	0	26	355
CABELL	1,473	9	692	721	41	28	217	1,482
CALHOUN	127	1	77	49	0	2	21	128
CLAY	217	0	111	106	0	0	36	217
DODDRIDGE	101	0	52	49	0	0	16	101
FAYETTE	785	5	368	365	29	28	122	790
GILMER	106	5	52	57	2	0	18	111
GRANT	135	0	71	63	0	1	7	135
GREENBRIER	522	3	273	238	9	5	55	525
HAMPSHIRE	228	2	122	107	1	0	32	230
HANCOCK	508	2	266	221	13	10	60	510
HARDY	126	1	55	70	1	1	23	127
HARRISON	1,168	5	579	575	7	12	138	1,173
JACKSON	334	0	179	153	1	1	31	334
JEFFERSON	494	4	227	231	21	19	77	498
KANAWHA	3,189	20	1,565	1,381	137	126	532	3,209
LEWIS	278	0	144	132	2	0	38	278
LINCOLN	390	4	196	197	1	0	45	394
LOGAN	750	1	365	361	13	12	120	751
MCDOWELL	827	1	349	354	65	60	171	828
MARION	824	3	400	397	7	23	98	827
MARSHALL	512	29	287	250	1	3	64	541
MASON	409	1	207	199	1	3	46	410
MERCER	1,016	2	475	469	36	38	147	1,018
MINERAL	381	4	196	178	6	5	42	385
MINGO	722	1	338	367	8	10	88	723
MONONGALIA	1,025	7	489	493	21	29	91	1,032
MONROE	172	3	79	81	10	5	18	175
MORGAN	127	4	70	59	1	1	16	131
NICHOLAS	415	2	216	199	1	1	41	417
OHIO	724	13	343	345	23	26	120	737
PENDLETON	99	3	52	46	2	2	8	102
PLEASANTS	120	0	61	59	0	0	14	120
POCAHONTAS	113	3	54	62	0	0	23	116
PRESTON	496	2	262	234	1	1	59	498
PUTNAM	583	7	306	283	0	1	57	590
RALEIGH	1,212	2	534	561	57	62	159	1,214
RANDOLPH	426	4	214	209	6	1	53	430
RITCHIE	162	3	82	83	0	0	10	165
ROANE	245	7	120	132	0	0	29	252
SUMMERS	205	2	95	99	10	3	33	207
TAYLOR	244	1	124	119	1	1	40	245
TUCKER	107	2	50	58	0	1	4	109
TYLER	154	4	87	71	0	0	15	158
UPSHUR	362	2	171	192	1	0	29	364
WAYNE	640	3	345	298	0	0	53	643
WEBSTER	184	1	91	94	0	0	25	185
WETZEL	348	7	179	173	2	1	48	355
WIRT	90	2	43	49	0	0	10	92
WOOD	1,310	3	659	629	17	8	168	1,313
WYOMING	494	1	245	244	1	5	65	495
TOTAL	27,610	200	13,578	13,085	589	558	3,693	27,810

WEST VIRGINIA RESIDENT BIRTHS 1981
Time Prenatal Care Began by County of Residence
Table 10

COUNTY OF RESIDENCE	FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO CARE		UNKNOWN		TOTAL
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	169	69.8	56	23.1	11	4.5	4	1.7	2	0.8	242
BERKELEY	536	74.4	136	18.9	19	2.6	8	1.1	21	2.9	720
BOONE	258	60.0	116	27.0	36	8.4	3	0.7	17	4.0	430
BRAXTON	138	71.5	38	19.7	8	4.1	0	0.0	9	4.7	193
BROOKE	294	82.8	55	15.5	4	1.1	1	0.3	1	0.3	355
CABELL	1,058	71.4	338	22.8	66	4.5	16	1.1	4	0.3	1,482
CALHOUN	102	79.7	21	16.4	4	3.1	1	0.8	0	0.0	128
CLAY	116	53.5	68	31.3	21	9.7	3	1.4	9	4.1	217
DODDRIDGE	83	82.2	13	12.9	0	0.0	2	2.0	3	3.0	101
FAYETTE	474	60.0	264	33.4	41	5.2	5	0.6	6	0.8	790
GILMER	78	70.3	25	22.5	2	1.8	1	0.9	5	4.5	111
GRANT	107	79.3	21	15.6	5	3.7	1	0.7	1	0.7	135
GREENBRIER	302	57.5	156	29.7	41	7.8	6	1.1	20	3.8	525
HAMPSHIRE	184	80.0	37	16.1	5	2.2	3	1.3	1	0.4	230
HANCOCK	395	77.5	86	16.9	13	2.5	9	1.8	7	1.4	510
HARDY	93	73.2	30	23.6	3	2.4	1	0.8	0	0.0	127
HARRISON	970	82.7	167	14.2	16	1.4	7	0.6	13	1.1	1,173
JACKSON	230	68.9	73	21.9	20	6.0	3	0.9	8	2.4	334
JEFFERSON	405	81.3	70	14.1	17	3.4	1	0.2	5	1.0	498
KANAWHA	2,137	66.6	757	23.6	197	6.1	10	0.3	108	3.4	3,209
LEWIS	219	78.8	40	14.4	11	4.0	1	0.4	7	2.5	278
LINCOLN	259	65.7	106	26.9	21	5.3	3	0.8	5	1.3	394
LOGAN	437	58.2	245	32.6	50	6.7	5	0.7	14	1.9	751
MCDOWELL	449	54.2	221	26.7	101	12.2	34	4.1	23	2.8	828
MARION	595	71.9	186	22.5	37	4.5	7	0.8	2	0.2	827
MARSHALL	442	81.7	59	10.9	14	2.6	2	0.4	24	4.4	541
MASON	276	67.3	102	24.9	26	6.3	1	0.2	5	1.2	410
MERCER	636	62.5	267	26.2	62	6.1	7	0.7	46	4.5	1,018
MINERAL	285	74.0	81	21.0	10	2.6	2	0.5	7	1.8	385
MINGO	342	47.3	267	36.9	75	10.4	15	2.1	24	3.3	723
MONONGALIA	812	78.7	177	17.2	31	3.0	3	0.3	9	0.9	1,032
MONROE	91	52.0	46	26.3	33	18.9	0	0.0	5	2.9	175
MORGAN	105	80.2	18	13.7	3	2.3	2	1.5	3	2.3	131
NICHOLAS	292	70.0	92	22.1	14	3.4	5	1.2	14	3.4	417
OHIO	614	83.3	100	13.6	12	1.6	1	0.1	10	1.4	737
PENDLETON	75	73.5	22	21.6	4	3.9	0	0.0	1	1.0	102
PLEASANTS	86	71.7	29	24.2	1	0.8	3	2.5	1	0.8	120
POCAHONTAS	65	56.0	39	33.6	11	9.5	1	0.9	0	0.0	116
PRESTON	338	67.9	130	26.1	22	4.4	3	0.6	5	1.0	498
PUTNAM	419	71.0	118	20.0	35	5.9	4	0.7	14	2.4	590
RALEIGH	621	51.2	467	38.5	114	9.4	4	0.3	8	0.7	1,214
RANDOLPH	304	70.7	106	24.7	18	4.2	0	0.0	2	0.5	430
RITCHIE	117	70.9	42	25.5	2	1.2	3	1.8	1	0.6	165
ROANE	144	57.1	67	26.6	27	10.7	4	1.6	10	4.0	252
SUMMERS	122	58.9	71	34.3	12	5.8	0	0.0	2	1.0	207
TAYLOR	165	67.3	69	28.2	10	4.1	1	0.4	0	0.0	245
TUCKER	79	72.5	21	19.3	5	4.6	1	0.9	3	2.8	109
TYLER	121	76.6	25	15.8	5	3.2	1	0.6	6	3.8	158
UPSHUR	252	69.2	94	25.8	15	4.1	3	0.8	0	0.0	364
WAYNE	462	71.9	140	21.8	30	4.7	9	1.4	2	0.3	643
WEBSTER	146	78.9	30	16.2	6	3.2	1	0.5	2	1.1	185
WETZEL	263	74.1	77	21.7	7	2.0	2	0.6	6	1.7	355
WIRT	66	71.7	25	27.2	0	0.0	0	0.0	1	1.1	92
WOOD	986	75.1	249	19.0	28	2.1	24	1.8	26	2.0	1,313
WYOMING	216	43.6	215	43.4	41	8.3	16	3.2	7	1.4	495
TOTAL	19,030	68.4	6,570	23.6	1,422	5.1	253	0.9	535	1.9	27,810

WEST VIRGINIA RESIDENT BIRTHS 1981
Prenatal Care by Race, Marital Status, and Education of Mother
Table 11

BIRTH CHARACTERISTICS	TIME PRENATAL CARE BEGAN					TOTAL
	First Trimester	Second Trimester	Third Trimester	No Care	Unknown Care	
WHITE BIRTHS:						
Married	17,177	4,931	890	137	391	23,526
Not Married	1,259	1,255	419	94	110	3,137
TOTAL	18,436	6,186	1,309	231	501	26,663
Mother's Education Level:						
Under 5 Years	14	6	1	4	4	29
5-8 Years	666	530	168	41	45	1,450
9-11 Years	3,361	2,169	537	108	153	6,328
12 Years	8,963	2,651	456	57	195	12,322
13-15 Years	2,821	493	90	15	51	3,470
16 Years or More	2,557	306	42	0	35	2,940
Unknown	54	31	15	6	18	124
TOTAL	18,436	6,186	1,309	231	501	26,663
NON-WHITE BIRTHS:						
Married	378	162	36	2	13	591
Not Married	216	222	77	20	21	556
TOTAL	594	384	113	22	34	1,147
Mother's Education Level:						
Under 5 Years	1	1	1	0	1	4
5-8 Years	18	17	6	1	1	43
9-11 Years	78	97	26	8	9	218
12 Years	265	172	48	9	17	511
13-15 Years	139	72	20	3	6	240
16 Years or More	92	21	12	0	0	125
Unknown	1	4	0	1	0	6
TOTAL	594	384	113	22	34	1,147

WEST VIRGINIA RESIDENT BIRTHS 1981
Prenatal Care Visits by County of Residence
Table 12

COUNTY OF RESIDENCE	PRENATAL CARE VISITS												
	NO VISITS		1 TO 5 VISITS		6 TO 10 VISITS		11 TO 15 VISITS		16 OR MORE VISITS		UNKNOWN		TOTAL
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	4	1.7	27	11.2	92	38.0	101	41.7	16	6.6	2	0.8	242
BERKELEY	8	1.1	41	5.7	181	25.1	432	60.0	44	6.1	14	1.9	720
BOONE	3	0.7	80	18.6	241	56.0	81	18.8	7	1.6	18	4.2	430
BRAXTON	0	0.0	19	9.8	89	46.1	62	32.1	5	2.6	18	9.3	193
BROOKE	1	0.3	23	6.5	124	34.9	183	51.5	23	6.5	1	0.3	355
CABELL	16	1.1	105	7.1	637	43.0	679	45.8	30	2.0	15	1.0	1,482
CALHOUN	1	0.8	6	4.7	54	42.2	61	47.7	6	4.7	0	0.0	128
CLAY	3	1.4	44	20.3	116	53.5	43	19.8	1	0.5	10	4.6	217
DODDRIDGE	2	2.0	9	8.9	35	34.7	44	43.6	10	9.9	1	1.0	101
FAYETTE	5	0.6	79	10.0	360	45.6	304	38.5	36	4.6	6	0.8	790
GILMER	1	0.9	9	8.1	59	53.2	33	29.7	2	1.8	7	6.3	111
GRANT	1	0.7	10	7.4	64	47.4	57	42.2	1	0.7	2	1.5	135
GREENBRIER	6	1.1	39	7.4	194	37.0	241	45.9	27	5.1	18	3.4	525
HAMPSHIRE	3	1.3	14	6.1	69	30.0	138	60.0	4	1.7	2	0.9	230
HANCOCK	9	1.8	37	7.3	190	37.3	225	44.1	39	7.6	10	2.0	510
HARDY	1	0.8	4	3.1	38	29.9	80	63.0	3	2.4	1	0.8	127
HARRISON	7	0.6	63	5.8	427	36.4	569	48.5	100	8.5	2	0.2	1,173
JACKSON	3	0.9	43	12.9	164	49.1	112	33.5	5	1.5	7	2.1	334
JEFFERSON	1	0.2	48	9.6	194	39.0	237	47.6	15	3.0	3	0.6	498
KANAWHA	10	0.3	463	14.4	1,823	56.8	777	24.2	45	1.4	91	2.8	3,209
LEWIS	1	0.4	22	7.9	102	36.7	99	35.6	16	5.8	38	13.7	278
LINCOLN	3	0.8	51	12.9	211	53.6	117	29.7	5	1.3	7	1.8	394
LOGAN	5	0.7	158	21.0	432	57.5	139	18.5	9	1.2	8	1.1	751
MCDOWELL	35	4.2	297	35.9	338	40.8	132	15.9	10	1.2	16	1.9	828
MARION	7	0.8	71	8.6	431	52.1	269	32.5	49	5.9	0	0.0	827
MARSHALL	2	0.4	31	5.7	193	35.7	265	49.0	37	6.8	13	2.4	541
MASON	1	0.2	76	18.5	257	62.7	72	17.6	2	0.5	2	0.5	410
MERCER	7	0.7	262	25.7	585	57.5	135	13.3	8	0.8	21	2.1	1,018
MINERAL	2	0.5	39	10.1	203	52.7	133	34.5	2	0.5	6	1.6	385
MINGO	15	2.1	245	33.9	346	47.9	92	12.7	1	0.1	24	3.3	723
MONONGALIA	3	0.3	51	4.9	280	27.1	571	55.3	98	9.5	29	2.8	1,032
MONROE	0	0.0	30	17.1	93	53.1	47	26.9	2	1.1	3	1.7	175
MORGAN	2	1.5	4	3.1	42	32.1	79	60.3	3	2.3	1	0.8	131
NICHOLAS	5	1.2	31	7.4	204	48.9	144	34.5	13	3.1	20	4.8	417
OHIO	1	0.1	52	7.1	319	43.3	304	41.2	55	7.5	6	0.8	737
PENDLETON	0	0.0	12	11.8	44	43.1	40	39.2	4	3.9	2	2.0	102
PLEASANTS	3	2.5	6	5.0	48	40.0	57	47.5	3	2.5	3	2.5	120
POCAHONTAS	1	0.9	18	15.5	55	47.4	38	32.8	4	3.4	0	0.0	116
PRESTON	3	0.6	33	6.6	203	40.8	216	43.4	35	7.0	8	1.6	498
PUTNAM	4	0.7	79	13.4	294	49.8	187	31.7	15	2.5	11	1.9	590
RALEIGH	4	0.3	110	9.1	473	39.0	555	45.7	67	5.5	5	0.4	1,214
RANDOLPH	0	0.0	54	12.6	213	49.5	136	31.6	25	5.8	2	0.5	430
RITCHIE	3	1.8	14	8.5	64	38.8	76	46.1	5	3.0	3	1.8	165
ROANE	4	1.6	46	18.3	130	51.6	57	22.6	6	2.4	9	3.6	252
SUMMERS	0	0.0	19	9.2	107	51.7	73	35.3	6	2.9	2	1.0	207
TAYLOR	1	0.4	24	9.8	133	54.3	78	31.8	7	2.9	2	0.8	245
TUCKER	1	0.9	14	12.8	46	42.2	40	36.7	4	3.7	4	3.7	109
TYLER	1	0.6	21	13.3	76	48.1	52	32.9	3	1.9	5	3.2	158
UPSHUR	3	0.8	36	9.9	191	52.5	117	32.1	17	4.7	0	0.0	364
WAYNE	9	1.4	54	8.4	279	43.4	289	44.9	5	0.8	7	1.1	643
WEBSTER	1	0.5	13	7.0	92	49.7	71	38.4	4	2.2	4	2.2	185
WETZEL	2	0.6	39	11.0	159	44.8	128	36.1	24	6.8	3	0.8	355
WIRT	0	0.0	3	3.3	45	48.9	38	41.3	4	4.3	2	2.2	92
WOOD	24	1.8	64	4.9	472	35.9	648	49.4	61	4.6	44	3.4	1,313
WYOMING	16	3.2	69	13.9	201	40.6	197	39.8	11	2.2	1	0.2	495
TOTAL	254	0.9	3,316	11.9	12,512	45.0	10,150	36.5	1,039	3.7	539	1.9	27,810

WEST VIRGINIA RESIDENT BIRTHS 1981
Number and Rate by City
Table 13

CITIES WITH POPULATION OF 10,000 OR LARGER	1980 CENSUS*	NUMBER OF RESIDENT BIRTHS	RATE PER 1,000 POPULATION
Beckley	20,492	333	16.3
Bluefield	16,060	219	13.6
Charleston	63,968	860	13.4
Clarksburg	22,371	366	16.4
Fairmont	23,863	314	13.2
Huntington	63,684	975	15.3
Martinsburg	13,063	301	23.0
Morgantown	27,605	411	14.9
Moundsville	12,419	178	14.3
Parkersburg	39,967	601	15.0
Saint Albans	12,402	230	18.5
South Charleston	15,968	204	12.8
Vienna	11,618	163	14.0
Weirton	24,736	296	12.0
Wheeling	43,070	559	13.0

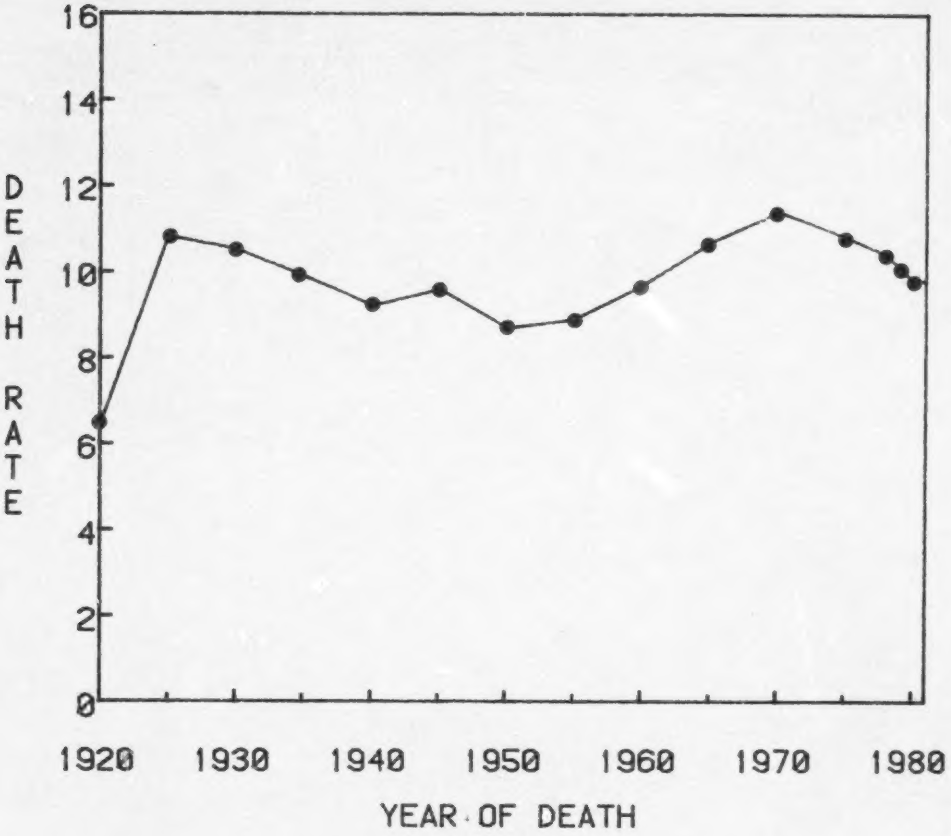
*Source: "West Virginia Final Population and Housing Unit Counts", U.S. Department of Commerce, Bureau of the Census, PHC8,0-V-50, March, 1981.

WEST VIRGINIA RESIDENT BIRTHS 1981
Out-of-State Occurrences
Table 14

STATE	1980 BIRTHS	1981 BIRTHS
Virginia	876	875
Maryland	690	673
Ohio	625	574
Kentucky	472	432
Pennsylvania	105	97
District of Columbia	7	12
North Carolina	4	3
All Other States	18	23
TOTAL	2,797	2,689

DEATHS

WEST VIRGINIA RESIDENT DEATHS 1920-1981
Number and Rate
Exhibit 11



YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 1,000 POPULATION
1920	9,334	6.4
1925	17,132	10.8
1930	18,220	10.5
1935	18,342	9.9
1940	17,577	9.2
1945	16,464	9.6
1950	17,459	8.7
1955	16,712	8.9
1960	18,040	9.7
1965	19,121	10.7
1970	19,924	11.4
1975	19,479	10.8
1978	19,351	10.4
1979	18,871	10.1
1980	19,178	9.8
1981	19,039	9.8

WEST VIRGINIA RESIDENT DEATHS 1981
County of Residence by Race and Sex
Table 15

COUNTY	WHITE		NON-WHITE		TOTAL
	MALE	FEMALE	MALE	FEMALE	
BARBOUR	116	57	0	0	173
BERKELEY	220	170	9	6	405
BOONE	161	115	0	0	276
BRAXTON	93	81	1	1	176
BROOKE	180	140	2	2	324
CABELL	567	545	31	23	1,166
CALHOUN	69	29	1	0	99
CLAY	75	44	0	0	119
DODDRIDGE	58	32	0	0	90
FAYETTE	333	243	33	20	629
GILMER	51	25	0	0	76
GRANT	46	46	0	0	92
GREENBRIER	207	177	12	11	407
HAMPSHIRE	89	52	0	1	142
HANCOCK	214	149	7	4	374
HARDY	61	37	0	1	99
HARRISON	456	401	6	9	872
JACKSON	117	105	0	1	223
JEFFERSON	134	104	16	11	265
KANAWHA	1,130	1,023	92	84	2,329
LEWIS	128	92	1	0	221
LINCOLN	128	82	0	0	210
LOGAN	245	196	19	11	471
MCDOWELL	203	155	67	41	466
MARION	365	317	18	20	720
MARSHALL	170	159	2	2	333
MASON	153	79	2	2	236
MERCER	370	322	40	37	769
MINERAL	129	115	4	2	250
MINGO	208	133	8	12	361
MONONGALIA	280	244	4	9	537
MONROE	89	43	2	1	135
MORGAN	51	32	0	0	83
NICHOLAS	154	92	0	1	247
OHIO	347	370	13	8	738
PENDLETON	36	35	0	0	71
PLEASANTS	44	29	0	0	73
POCAHONTAS	65	41	2	0	108
PRESTON	159	101	0	0	260
PUTNAM	176	121	0	1	298
RALEIGH	424	317	47	50	838
RANDOLPH	154	122	0	3	279
RITCHIE	83	65	0	0	148
ROANE	99	78	1	1	179
SUMMERS	107	65	2	3	177
TAYLOR	96	87	0	2	185
TUCKER	46	44	0	0	90
TYLER	56	50	0	0	106
UPSHUR	111	96	0	1	208
WAYNE	249	170	0	1	420
WEBSTER	61	49	0	0	110
WETZEL	121	81	0	0	202
WIRT	29	11	0	0	40
WOOD	427	419	6	9	861
WYOMING	159	111	2	1	273
TOTAL	10,099	8,098	450	392	19,039

WEST VIRGINIA DEATHS 1981
Number by County of Residence and Occurrence
Table 16

COUNTY	RESIDENCE	OCCURRENCE	COUNTY	RESIDENCE	OCCURRENCE
BARBOUR	173	131	MONONGALIA	537	913
BERKELEY	405	416	MONROE	135	42
BOONE	276	163	MORGAN	83	67
BRAXTON	176	109	NICHOLAS	247	217
BROOKE	324	334	OHIO	738	819
CABELL	1,166	1,496	PENDLETON	71	23
CALHOUN	99	86	PLEASANTS	73	20
CLAY	119	44	POCAHONTAS	108	78
DODDRIDGE	90	30	PRESTON	260	216
FAYETTE	629	445	PUTNAM	298	108
GILMER	76	32	RALEIGH	838	1,138
GRANT	92	89	RANDOLPH	279	388
GREENBRIER	407	362	RITCHIE	148	55
HAMPSHIRE	142	80	ROANE	179	162
HANCOCK	374	56	SUMMERS	177	130
HARDY	99	35	TAYLOR	185	130
HARRISON	872	968	TUCKER	90	48
JACKSON	223	202	TYLER	106	68
JEFFERSON	265	166	UPSHUR	208	174
KANAWHA	2,329	2,768	WAYNE	420	190
LEWIS	221	196	WEBSTER	110	65
LINCOLN	210	82	WETZEL	20[illegible]	144
LOGAN	471	415	WIRT	4[illegible]	15
MCDOWELL	466	310	WOOD	[illegible]6[illegible]	966
MARION	720	550	WYOMING	273	108
MARSHALL	333	251			
MASON	236	185			
MERCER	769	802	TOTAL	19,039*	17,375
MINERAL	250	126			
MINGO	361	162			

*INCLUDES 1,664 WEST VIRGINIA RESIDENT DEATHS OCCURRING OUT-OF-STATE.

WEST VIRGINIA RESIDENT DEATHS 1981
Out-of-State Occurrences
Table 17

STATE	NUMBER OF DEATHS
Ohio	475
Virginia	382
Maryland	256
Kentucky	201
Pennsylvania	151
Florida	40
North Carolina	39
District of Columbia	20
Texas	12
Tennessee	11
All Other States	77
TOTAL	1,664

WEST VIRGINIA RESIDENT DEATHS 1977-1981
Number by County of Residence
Table 18

COUNTY	1977	1978	1979	1980	1981	COUNTY	1977	1978	1979	1980	1981
BARBOUR	188	178	174	172	173	MONONGALIA	525	532	555	538	537
BERKELEY	405	433	405	448	405	MONROE	151	150	129	144	135
BOONE	276	306	274	264	276	MORGAN	103	92	107	118	83
BRAXTON	164	138	131	153	176	NICHOLAS	251	268	219	252	247
BROOKE	237	246	280	270	324	OHIO	784	799	794	760	738
CABELL	1,194	1,268	1,211	1,175	1,166	PENDLETON	92	69	101	75	71
CALHOUN	92	101	75	93	99	PLEASANTS	74	90	71	78	73
CLAY	106	123	107	122	119	POCAHONTAS	120	143	111	120	108
DODDRIDGE	92	89	69	75	90	PRESTON	291	309	297	283	260
FAYETTE	637	666	646	652	629	PUTNAM	244	237	267	250	298
GILMER	79	102	75	76	76	RALEIGH	870	870	870	822	838
GRANT	103	72	87	74	92	RANDOLPH	320	290	273	285	279
GREENBRIER	384	409	351	417	407	RITCHIE	143	149	132	143	148
HAMPSHIRE	141	142	133	145	142	ROANE	166	197	176	167	179
HANCOCK	351	349	338	377	374	SUMMERS	184	173	186	195	177
HARDY	96	110	80	91	99	TAYLOR	191	185	174	183	185
HARRISON	873	905	835	877	872	TUCKER	90	110	105	107	90
JACKSON	200	177	215	214	223	TYLER	125	123	122	129	106
JEFFERSON	249	248	256	257	265	UPSHUR	211	232	210	212	208
KANAWHA	2,268	2,326	2,201	2,378	2,329	WAYNE	369	340	327	347	420
LEWIS	229	218	226	229	221	WEBSTER	115	130	156	114	110
LINCOLN	223	222	201	214	210	WETZEL	220	199	214	229	202
LOGAN	432	434	468	471	471	WIRT	54	49	64	48	40
MCDOWELL	584	509	471	496	466	WOOD	838	885	898	881	861
MARION	738	742	748	699	720	WYOMING	272	247	301	233	273
MARSHALL	396	382	357	409	333						
MASON	248	222	252	266	236						
MERCER	764	738	734	693	769	TOTAL	19,201	19,351	18,871	19,178	19,039
MINERAL	251	267	244	271	250						
MINGO	398	361	368	387	361						

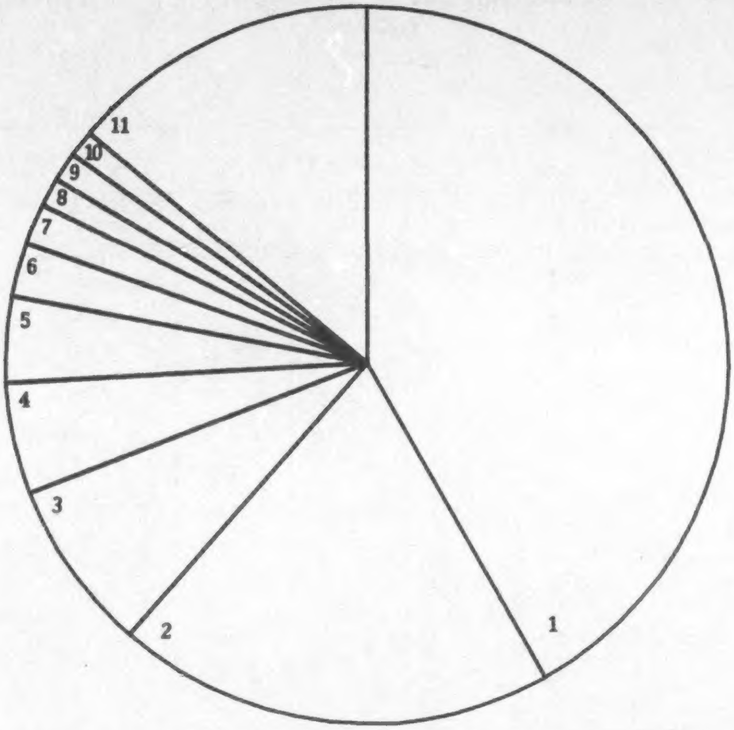
WEST VIRGINIA RESIDENT DEATHS 1981
County of Residence by Age at Death
Table 19

COUNTY	AGE IN YEARS													TOTAL
	LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	UNKNOWN	
BARBOUR	6	0	0	0	2	3	2	11	22	38	54	35	0	173
BERKELEY	8	2	0	2	4	5	12	27	83	121	77	64	0	405
BOONE	9	0	1	2	6	10	9	33	54	59	64	29	0	276
BRAXTON	4	0	0	0	2	4	3	5	24	49	48	37	0	176
BROOKE	8	2	0	0	9	8	4	21	34	90	84	64	0	324
CABELL	13	1	4	2	20	25	23	77	183	291	302	225	0	1,166
CALHOUN	2	1	0	1	5	2	2	8	13	15	34	16	0	99
CLAY	5	0	1	0	4	5	5	4	20	31	29	15	0	119
DODDRIDGE	4	0	0	1	2	1	2	3	12	23	27	15	0	90
FAYETTE	14	2	2	2	17	16	12	32	113	153	164	102	0	629
GILMER	1	0	0	0	2	1	2	2	8	20	20	20	0	76
GRANT	2	0	0	1	3	1	6	8	6	25	21	19	0	92
GREENBRIER	8	1	2	0	2	6	12	22	52	111	126	65	0	407
HAMPSHIRE	4	1	0	4	2	2	4	8	21	36	40	20	0	142
HANCOCK	7	1	0	0	5	7	10	22	70	107	80	65	0	374
HARDY	3	0	0	0	5	2	5	6	15	25	17	21	0	99
HARRISON	10	2	2	2	16	8	14	52	131	209	244	182	0	872
JACKSON	3	2	0	0	1	5	4	12	28	54	66	48	0	223
JEFFERSON	4	1	0	0	3	8	10	19	47	62	74	36	1	265
KANAWHA	44	7	6	3	36	55	60	169	371	569	623	386	0	2,329
LEWIS	4	0	0	2	6	5	6	11	34	48	61	44	0	221
LINCOLN	3	1	1	0	2	3	9	17	24	59	57	34	0	210
LOGAN	7	2	5	0	8	15	18	34	101	123	106	52	0	471
MCDOWELL	13	4	2	2	16	18	24	27	83	119	109	49	0	466
MARION	8	1	3	2	6	11	12	39	113	180	198	147	0	720
MARSHALL	6	0	0	0	4	7	6	16	47	79	108	60	0	333
MASON	2	1	0	0	3	6	7	12	47	63	56	39	0	236
MERCER	13	6	3	2	8	14	26	47	157	182	201	110	0	769
MINERAL	7	2	3	0	5	6	5	17	35	65	62	43	0	250
MINGO	11	5	1	2	12	12	10	34	52	93	86	43	0	361
MONONGALIA	7	2	0	0	5	13	13	30	93	111	143	120	0	537
MONROE	1	1	0	0	5	0	6	5	24	32	35	26	0	135
MORGAN	2	0	0	0	0	1	3	5	15	24	24	9	0	83
NICHOLAS	8	3	0	1	9	5	7	15	43	61	57	38	0	247
OHIO	10	4	3	4	6	10	11	37	97	203	211	142	0	738
PENDLETON	1	0	0	0	2	1	3	5	8	18	22	11	0	71
PLEASANTS	4	1	0	0	4	5	2	2	6	19	19	11	0	73
POCAHONTAS	0	1	1	0	3	1	4	6	17	35	24	16	0	108
PRESTON	10	3	0	0	2	2	10	17	40	67	61	48	0	260
PUTNAM	9	0	0	1	6	10	12	21	53	71	67	48	0	298
RALEIGH	17	3	0	2	12	21	19	64	139	235	199	127	0	838
RANDOLPH	5	0	0	0	2	2	8	8	36	81	87	50	0	279
RITCHIE	1	1	0	0	4	2	7	7	19	26	51	30	0	148
ROANE	2	0	1	0	3	4	3	13	25	48	49	31	0	179
SUMMERS	5	1	0	0	2	3	3	13	31	46	46	27	0	177
TAYLOR	6	0	1	1	4	3	5	9	26	39	44	47	0	185
TUCKER	2	0	0	0	0	0	1	10	15	24	21	17	0	90
TYLER	1	3	1	0	3	1	3	3	19	32	21	19	0	106
UPSHUR	3	1	2	2	2	6	5	8	27	44	52	56	0	208
WAYNE	6	4	0	4	7	14	13	31	57	106	117	61	0	420
WEBSTER	4	0	0	1	3	7	5	5	11	30	23	21	0	110
WETZEL	4	0	1	0	4	4	6	8	29	48	57	41	0	202
WIRT	0	0	1	0	0	0	0	1	5	7	19	7	0	40
WOOD	15	4	3	0	16	11	22	50	120	213	251	156	0	861
WYOMING	6	0	4	3	9	8	11	23	55	72	50	32	0	273
TOTAL	362	77	54	49	329	405	506	1,191	3,010	4,791	4,988	3,276	1	19,039

WEST VIRGINIA RESIDENT DEATHS 1981
Place Death Occurred by County of Residence
Table 20

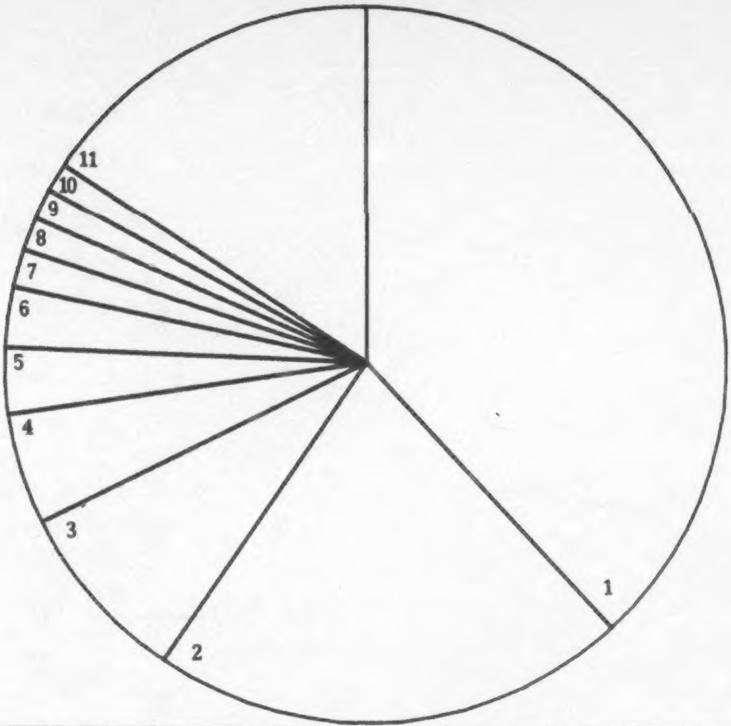
COUNTY	PLACE DEATH OCCURRED							TOTAL
	HOSPITAL	OUT OF STATE HOSPITAL	ENROUTE TO HOSPITAL	CLINIC OR CENTER	LICENSED NURSING HOME	UNLICENSED PERSONAL CARE	UNKNOWN	
BARBOUR	120	2	35	0	4	1	11	173
BERKELEY	259	46	43	0	22	4	31	405
BOONE	176	2	41	8	6	2	41	276
BRAXTON	105	2	5	0	10	3	51	176
BROOKE	123	85	15	0	30	11	60	324
CABELL	718	24	238	2	64	24	96	1,166
CALHOUN	68	0	11	0	4	0	16	99
CLAY	65	1	2	0	8	0	43	119
DODDRIDGE	49	5	3	0	4	0	29	90
FAYETTE	405	20	35	1	27	3	138	629
GILMER	37	2	3	0	4	0	30	76
GRANT	42	16	4	0	2	3	25	92
GREENBRIER	192	64	12	4	41	0	94	407
HAMPSHIRE	48	36	23	0	7	5	23	142
HANCOCK	144	111	51	0	17	13	38	374
HARDY	23	29	2	0	9	2	34	99
HARRISON	538	27	51	0	62	9	185	872
JACKSON	129	9	17	0	35	6	27	223
JEFFERSON	143	41	25	0	28	2	26	265
KANAWHA	1,419	49	77	4	218	8	554	2,329
LEWIS	146	5	25	0	16	1	28	221
LINCOLN	115	2	13	6	4	6	64	210
LOGAN	304	8	136	1	10	1	11	471
MCDOWELL	261	45	127	0	6	1	26	466
MARION	432	13	52	1	51	4	167	720
MARSHALL	221	15	34	0	30	7	26	333
MASON	130	40	24	0	3	5	34	236
MERCER	488	52	160	0	30	0	39	769
MINERAL	102	88	23	0	10	3	24	250
MINGO	125	107	21	0	0	8	100	361
MONONGALIA	309	16	9	0	61	5	137	537
MONROE	47	24	8	0	10	4	42	135
MORGAN	36	12	22	0	6	2	5	83
NICHOLAS	155	6	48	0	6	2	30	247
OHIO	431	40	37	0	98	17	115	738
PENDLETON	21	24	1	0	4	1	20	71
PLEASANTS	34	7	5	0	8	1	18	73
POCAHONTAS	64	10	2	1	1	0	30	108
PRESTON	144	29	50	0	5	3	29	260
PUTNAM	148	9	13	2	19	5	102	298
RALEIGH	542	34	165	11	31	2	53	838
RANDOLPH	182	6	51	0	26	2	12	279
RITCHIE	75	9	5	1	21	1	36	148
ROANE	107	3	10	0	11	0	48	179
SUMMERS	107	12	40	0	9	0	9	177
TAYLOR	117	4	41	0	9	2	12	185
TUCKER	53	9	13	0	5	0	10	90
TYLER	59	3	15	0	6	2	21	106
UPSHUR	134	1	38	0	10	1	24	208
WAYNE	201	46	76	0	10	8	79	420
WEBSTER	59	6	25	0	3	0	17	110
WETZEL	125	7	24	0	13	1	32	202
WIRT	23	0	2	0	1	0	14	40
WOOD	529	44	34	0	64	17	173	861
WYOMING	177	6	46	11	4	1	28	273
TOTAL	11,006	1,313	2,088	53	1,203	209	3,167	19,039

WEST VIRGINIA RESIDENT DEATHS 1981
Leading Causes of Death
Exhibit 12



LEADING CAUSES OF DEATH IN WEST VIRGINIA, 1981	NUMBER OF DEATHS	RATE PER 100,000 POPULATION	PERCENT OF TOTAL
1. Diseases of the heart	7,966	408.6	41.8
2. Malignant neoplasms	3,732	191.4	19.6
3. Cerebrovascular diseases	1,464	75.1	7.7
4. Accidents, all forms	951	48.8	5.0
5. Chronic obstructive pulmonary disease and allied conditions	746	38.3	3.9
6. Pneumonia and influenza	462	23.7	2.4
7. Diabetes mellitus	354	18.2	1.9
8. Arteriosclerosis	241	12.4	1.3
9. Chronic liver disease and cirrhosis	240	12.3	1.3
10. Suicide	233	12.0	1.2
TOTAL for leading causes	16,389	840.6	86.1
11. All other causes	2,650	135.9	13.9
TOTAL for all causes	19,039	976.5	100.0

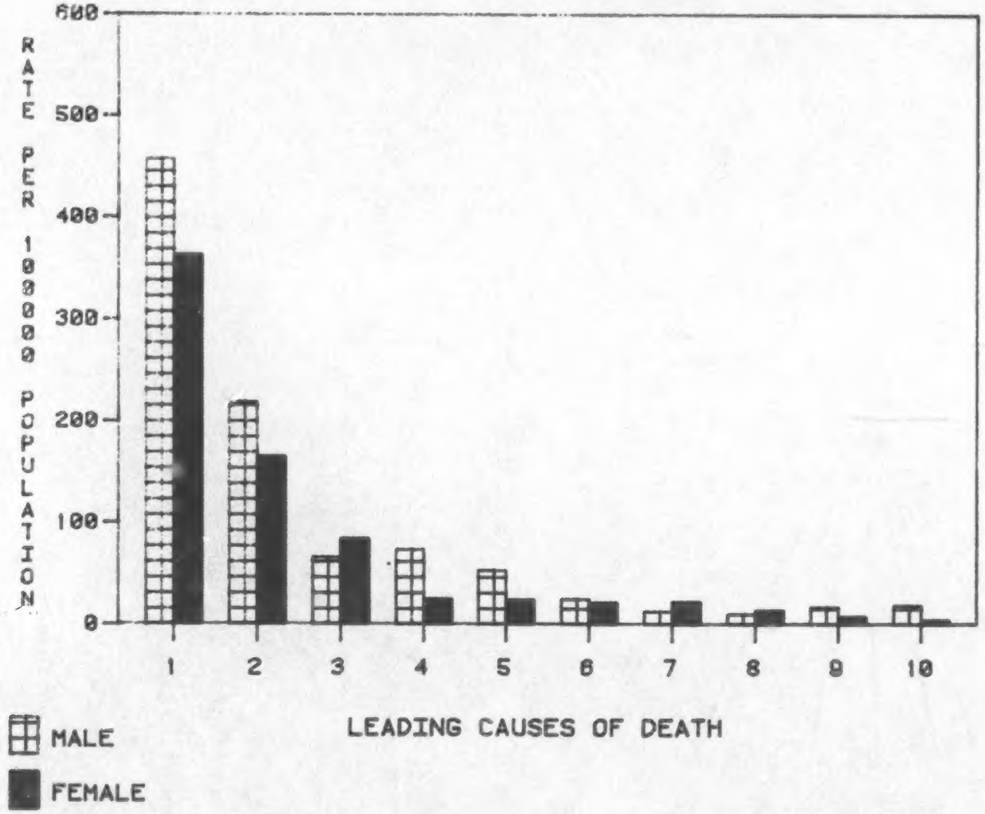
UNITED STATES RESIDENT DEATHS 1981
Leading Causes of Death
Exhibit 13



LEADING CAUSES OF DEATH IN THE UNITED STATES, 1981*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION	PERCENT OF TOTAL
1. Diseases of the heart	74,771	329.5	38.0
2. Malignant neoplasms	41,820	184.3	21.3
3. Cerebrovascular disease	16,158	71.2	8.2
4. Accidents, all forms	9,911	43.7	5.0
5. Chronic obstructive pulmonary disease and allied conditions	5,914	26.1	3.0
6. Pneumonia and influenza	5,372	23.7	2.7
7. Diabetes mellitus	3,423	15.1	1.7
8. Chronic liver disease and cirrhosis	2,910	12.8	1.5
9. Arteriosclerosis	2,841	12.5	1.4
10. Suicide	2,601	11.5	1.3
TOTAL for leading causes	165,721	730.4	84.3
11. All other causes	30,869	136.0	15.7
TOTAL for all causes	196,590	866.4	100.0

*Monthly Vital Statistics Report - Provisional Statistics, National Center for Health Statistics, Vol 31, No. 1, April 16, 1982.

WEST VIRGINIA RESIDENT DEATHS 1981
Ten Leading Causes of Death
Number and Rate by Sex
Exhibit 14



WEST VIRGINIA RESIDENT DEATHS 1981
Ten Leading Causes of Death
Number and Rate by Sex
Exhibit 14 (cont'd)

LEADING CAUSES OF DEATH	NUMBER OF DEATHS/RATE PER 100,000 POPULATION*				
	Male		Female		TOTAL
	Number	Rate	Number	Rate	
1. Diseases of the heart	4,322	457.2	3,644	362.9	7,966
2. Malignant neoplasms	2,070	219.0	1,662	165.2	3,732
3. Cerebrovascular diseases	624	66.0	840	83.6	1,464
4. Accidents, all forms	699	73.9	252	25.1	951
5. Chronic obstructive pulmonary disease and allied conditions	506	53.5	240	23.9	746
6. Pneumonia and influenza	240	25.4	222	22.1	462
7. Diabetes mellitus	128	13.5	226	22.5	354
8. Arteriosclerosis	102	10.8	139	13.8	241
9. Chronic liver disease and cirrhosis	163	17.2	77	7.7	240
10. Suicide	183	19.4	50	5.0	233
TOTAL for ten leading causes	9,037	955.9	7,352	732.1	16,389
All other causes	1,512	159.9	1,138	113.3	2,650
TOTAL for all causes	10,549	1,115.8	8,490	845.4	19,039

*These rates are based on 945,408 Males and 1,004,236 Females.
(1980 Census of Population, Supplementary Report PC80-S1-1, May, 1981.)

WEST VIRGINIA RESIDENT DEATHS 1981
Leading Causes by Age Group and Sex
Table 21

LEADING CAUSES OF DEATH	UNDER ONE YEAR					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	228	100.0	134	100.0	362	100.0
Congenital Anomalies	46	20.2	35	26.1	81	22.4
Sudden infant death syndrome	37	16.2	19	14.2	56	15.5
Respiratory distress syndrome	30	13.2	21	15.7	51	14.1
Disorders relating to short gestation and unspecified low birth weight	21	9.2	7	5.2	28	7.7
Other respiratory conditions of newborn	13	5.7	9	6.7	22	6.1
Newborn affected by maternal complications of pregnancy	13	5.7	8	6.0	21	5.8
Intrauterine hypoxia and birth asphyxia	6	2.6	7	5.2	13	3.6
Newborn affected by complications of placenta, cord, and membranes	9	3.9	1	0.7	10	2.8
Accidents, all forms	8	3.5	2	1.5	10	2.8
All other causes	45	19.7	25	18.7	70	19.3

LEADING CAUSES OF DEATH	ONE TO FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	39	100.0	38	100.0	77	100.0
Accidents, all forms	12	30.8	11	28.9	23	29.9
Congenital anomalies	6	15.4	7	18.4	13	16.9
Diseases of the heart	1	2.6	5	13.2	6	7.8
Homicide	1	2.6	4	10.5	5	6.5
All other causes	19	48.7	11	28.9	30	39.0

LEADING CAUSES OF DEATH	FIVE TO NINE YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	35	100.0	19	100.0	54	100.0
Accidents, all forms	17	48.6	5	26.3	22	40.7
Congenital Anomalies	4	11.4	5	26.3	9	16.7
Malignant neoplasms	1	2.9	2	10.5	3	5.6
Diseases of the heart	2	5.7	1	5.3	3	5.6
All other causes	11	31.4	6	31.6	17	31.5

WEST VIRGINIA RESIDENT DEATHS 1981
Leading Causes by Age Group and Sex
Table 21 (cont'd)

LEADING CAUSES OF DEATH	TEN TO FOURTEEN YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	36	100.0	13	100.0	49	100.0
Accidents, all forms	25	69.4	8	61.5	33	67.3
Malignant neoplasms	1	2.8	1	7.7	2	4.1
Cerebrovascular disease	2	5.6	0	0.0	2	4.1
Pneumonia	1	2.8	1	7.7	2	4.1
Suicide	2	5.6	0	0.0	2	4.1
All other causes	5	13.9	3	23.1	8	16.3

LEADING CAUSES OF DEATH	FIFTEEN TO TWENTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	252	100.0	77	100.0	329	100.0
Accidents, all forms	168	66.7	36	46.8	204	62.0
Suicide	28	11.1	5	6.5	33	10.0
Homicide	20	7.9	9	11.7	29	8.8
Malignant neoplasms	9	3.6	6	7.8	15	4.6
Diseases of the heart	5	2.0	5	6.5	10	3.0
All other causes	22	8.7	16	20.8	38	11.6

LEADING CAUSES OF DEATH	TWENTY-FIVE TO THIRTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	290	100.0	115	100.0	405	100.0
Accidents, all forms	145	50.0	33	28.7	178	44.0
Malignant neoplasms	23	7.9	23	20.0	46	11.4
Suicide	35	12.1	11	9.6	46	11.4
Homicide	25	8.6	9	7.8	34	8.4
Diseases of the heart	22	7.6	7	6.1	29	7.2
All other causes	40	13.8	32	27.8	72	17.8

WEST VIRGINIA RESIDENT DEATHS 1981
Leading Causes by Age Group and Sex
Table 21 (cont'd)

LEADING CAUSES OF DEATH	THIRTY-FIVE TO FORTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	365	100.0	141	100.0	506	100.0
Diseases of the heart	92	25.2	28	19.9	120	23.7
Malignant neoplasms	55	15.1	43	30.5	98	19.4
Accidents, all forms	69	18.9	13	9.2	82	16.2
Suicide	29	7.9	8	5.7	37	7.3
Chronic liver disease and cirrhosis	26	7.1	5	3.5	31	6.1
Homicide	18	4.9	6	4.3	24	4.7
Cerebrovascular disease	8	2.2	8	5.7	16	3.2
All other causes	68	18.6	30	21.3	98	19.4

LEADING CAUSES OF DEATH	FORTY-FIVE TO FIFTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	762	100.0	429	100.0	1,191	100.0
Diseases of the heart	297	39.0	103	24.0	400	33.6
Malignant neoplasms	166	21.8	173	40.3	339	28.5
Accidents, all forms	80	10.5	16	3.7	96	8.1
Chronic liver disease and cirrhosis	35	4.6	20	4.7	55	4.6
Cerebrovascular disease	29	3.8	24	5.6	53	4.5
Suicide	26	3.4	12	2.8	38	3.2
Chronic obstructive pulmonary disease and allied conditions	11	1.4	17	4.0	28	2.4
Homicide	14	1.8	7	1.6	21	1.8
Diabetes mellitus	13	1.7	4	0.9	17	1.4
Pneumonia	10	1.3	2	0.5	12	1.0
All other causes	81	10.6	51	11.9	132	11.1

WEST VIRGINIA RESIDENT DEATHS 1981
Leading Causes by Age Group and Sex
Table 21 (cont'd)

LEADING CAUSES OF DEATH	FIFTY-FIVE TO SIXTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	1,905	100.0	1,105	100.0	3,010	100.0
Diseases of the heart	859	45.1	384	34.8	1,243	41.3
Malignant neoplasms	496	26.0	408	36.9	904	30.0
Chronic obstructive pulmonary disease and allied conditions	80	4.2	51	4.6	131	4.4
Cerebrovascular disease	75	3.9	50	4.5	125	4.2
Accidents, all forms	56	2.9	25	2.3	81	2.7
Chronic liver disease and cirrhosis	55	2.9	16	1.4	71	2.4
Diabetes mellitus	26	1.4	43	3.9	69	2.3
Suicide	29	1.5	12	1.1	41	1.4
Pneumonia	21	1.1	7	0.6	28	0.9
Pneumoconiosis and other lung diseases due to external agents	21	1.1	0	0.0	21	0.7
All other causes	187	9.8	109	9.9	296	9.8

LEADING CAUSES OF DEATH	SIXTY-FIVE TO SEVENTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	2,875	100.0	1,916	100.0	4,791	100.0
Diseases of the heart	1,271	44.2	770	40.2	2,041	42.6
Malignant neoplasms	700	24.3	488	25.5	1,188	24.8
Cerebrovascular disease	163	5.7	173	9.0	336	7.0
Chronic obstructive pulmonary disease and allied conditions	211	7.3	98	5.1	309	6.4
Diabetes mellitus	31	1.1	68	3.5	99	2.1
Pneumonia and influenza	51	1.8	35	1.8	86	1.8
Accidents, all forms	59	2.1	25	1.3	84	1.8
Chronic liver disease and cirrhosis	37	1.3	22	1.1	59	1.2
Pneumoconiosis and other diseases due to external agents	42	1.5	3	0.2	45	0.9
Nephritis, nephrotic syndrome and nephrosis	22	0.8	17	0.9	39	0.8
Arteriosclerosis	18	0.6	16	0.8	34	0.7
All other causes	270	9.4	201	10.5	471	9.8

WEST VIRGINIA RESIDENT DEATHS 1981
Leading Causes by Age Group and Sex
Table 21 (cont'd)

LEADING CAUSES OF DEATH	SEVENTY-FIVE TO EIGHTY-FOUR YEARS					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	2,529	100.0	2,459	100.0	4,988	100.0
Diseases of the heart	1,143	45.2	1,224	49.8	2,367	47.5
Malignant neoplasms	472	18.7	372	15.1	844	16.9
Cerebrovascular diseases	215	8.5	292	11.9	507	10.2
Chronic obstructive pulmonary disease and allied conditions	149	5.9	48	2.0	197	3.9
Pneumonia and influenza	79	3.1	76	3.1	155	3.1
Diabetes mellitus	36	1.4	60	2.4	96	1.9
Accidents, all forms	36	1.4	48	2.0	84	1.7
Arteriosclerosis	36	1.4	47	1.9	83	1.7
Nephritis, nephrotic syndrome and nephrosis	27	1.1	31	1.3	58	1.2
Pneumoconiosis and other lung diseases due to external agent	35	1.4	5	0.2	40	0.8
All other causes	301	11.9	256	10.4	557	11.2

LEADING CAUSES OF DEATH	EIGHTY-FIVE AND OVER					
	Male		Female		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
ALL CAUSES	1,232	100.0	2,044	100.0	3,276	100.0
Diseases of the heart	625	50.7	1,114	54.5	1,739	53.1
Cerebrovascular disease	126	10.2	289	14.1	415	12.7
Malignant neoplasms	145	11.8	144	7.0	289	8.8
Pneumonia and influenza	63	5.1	97	4.7	160	4.9
Arteriosclerosis	37	3.0	71	3.5	108	3.3
Chronic obstructive pulmonary disease and allied conditions	50	4.1	22	1.1	72	2.2
Accidents, all forms	24	1.9	30	1.5	54	1.6
Diabetes mellitus	13	1.1	39	1.9	52	1.6
Nephritis, nephrotic syndrome and nephrosis	19	1.5	12	0.6	31	0.9
All other causes	130	10.6	226	11.1	356	10.9

WEST VIRGINIA RESIDENT DEATHS 1981
Diseases of the Heart
Number and Rate by Sex
Table 22

ICDA 9 CODE NUMBER	HEART DISEASE DEATHS	NUMBER AND RATE* BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
390-398, 402, 404-429	TOTAL	4,322	457.2	3,644	362.9	7,966	408.6
390-398	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	12	1.3	50	5.0	62	3.2
402	HYPERTENSIVE HEART DISEASE	85	9.0	124	12.3	209	10.7
404	HYPERTENSIVE HEART DISEASE AND RENAL DISEASE	12	1.3	13	1.3	25	1.3
410-414	ISCHEMIC HEART DISEASE	3,105	328.4	2,499	248.8	5,604	287.4
415-417	DISEASES OF THE PULMONARY CIRCULATION	65	6.9	46	4.6	111	5.7
420-429	OTHER FORMS OF HEART DISEASE	1,043	110.3	912	90.8	1,955	100.3

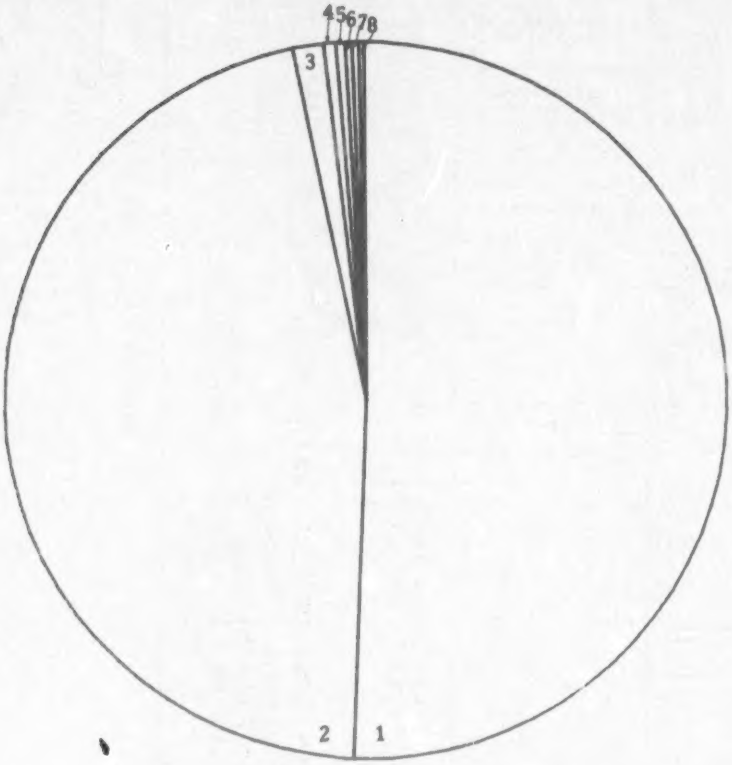
* THESE RATES ARE BASED ON A MALE POPULATION OF 945,408 AND A FEMALE POPULATION OF 1,004,236.
(1980 CENSUS OF POPULATION, SUPPLEMENTARY REPORT PC80-S1-1, MAY, 1981.)

WEST VIRGINIA RESIDENT DEATHS 1981
Malignant Neoplasms (Cancer)
Number and Rate by Sex
Table 23

ICDA 9 CODE NUMBER	MALIGNANT NEOPLASM DEATHS	NUMBER AND RATE* BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
140-208	TOTAL	2,070	219.0	1,662	165.5	3,732	191.4
140-149	-- OF LIP, ORAL CAVITY, AND PHARYNX	41	4.3	18	1.8	59	3.0
150-159	-- OF DIGESTIVE ORGANS AND PERITONEUM	451	47.7	405	40.3	856	43.9
160-165	-- OF RESPIRATORY AND INTRATHORACIC ORGANS	795	84.1	285	28.4	1,080	55.4
170-175	-- OF BONE, CONNECTIVE TISSUE, SKIN, AND BREAST	49	5.2	332	33.1	381	19.5
179-187	-- OF GENITAL ORGANS	189	20.0	179	17.8	368	18.9
188-189	-- OF URINARY ORGANS	117	12.4	61	6.1	178	9.1
190-199	-- OF OTHER AND UNSPECIFIED SITES	238	25.2	226	22.5	464	23.8
200-203	-- OF LYMPHATIC AND HEMATOPOIETIC TISSUES	88	9.3	88	8.8	176	9.0
204-208	LEUKEMIA	102	10.8	68	6.8	170	8.7

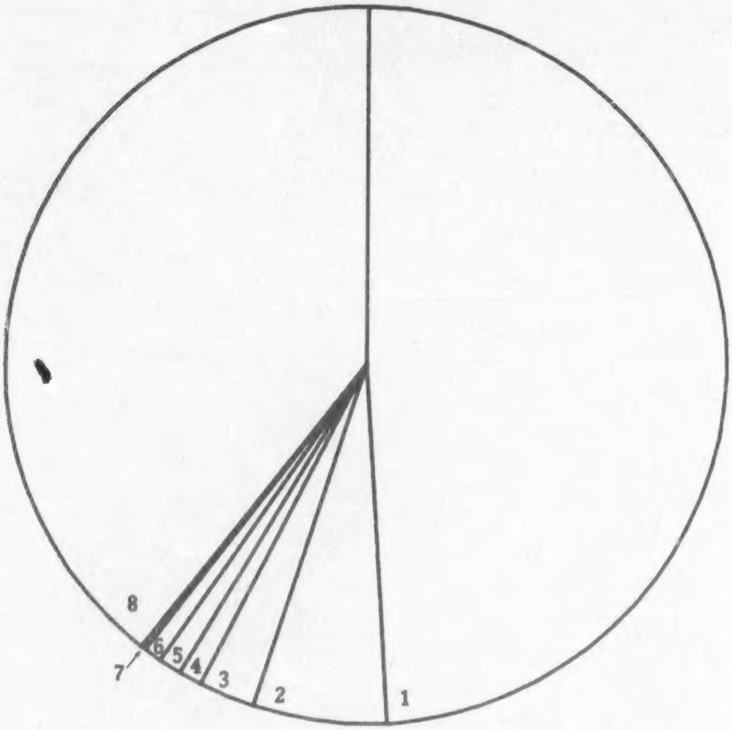
* THESE RATES ARE BASED ON A MALE POPULATION OF 945,408 AND A FEMALE POPULATION OF 1,004,236.
(1980 CENSUS OF POPULATION, SUPPLEMENTARY REPORT PC80-S1-1, MAY, 1981.)

WEST VIRGINIA RESIDENT DEATHS 1981
Types of Accidental Deaths
Exhibit 15



TYPE OF ACCIDENT	NUMBER
1. Non-Transport	482
2. Motor Vehicle	439
3. Railway	13
4. Air and Space Transport	5
5. Water Transport	4
6. Other Road Vehicle	3
7. Adverse Effects	3
8. Other Miscellaneous Vehicles	2
TOTAL	951

WEST VIRGINIA RESIDENT DEATHS 1981
Non-Transport Accidental Deaths
Place of Occurrence
Exhibit 16



	PLACE OF OCCURRENCE	NUMBER
1.	Home	236
2.	Mine and Quarry	29
3.	Industrial Place	12
4.	Place of Recreation	5
5.	Farm	5
6.	Street and Highway	4
7.	Public Building	1
8.	Other and unspecified	190
	TOTAL	482

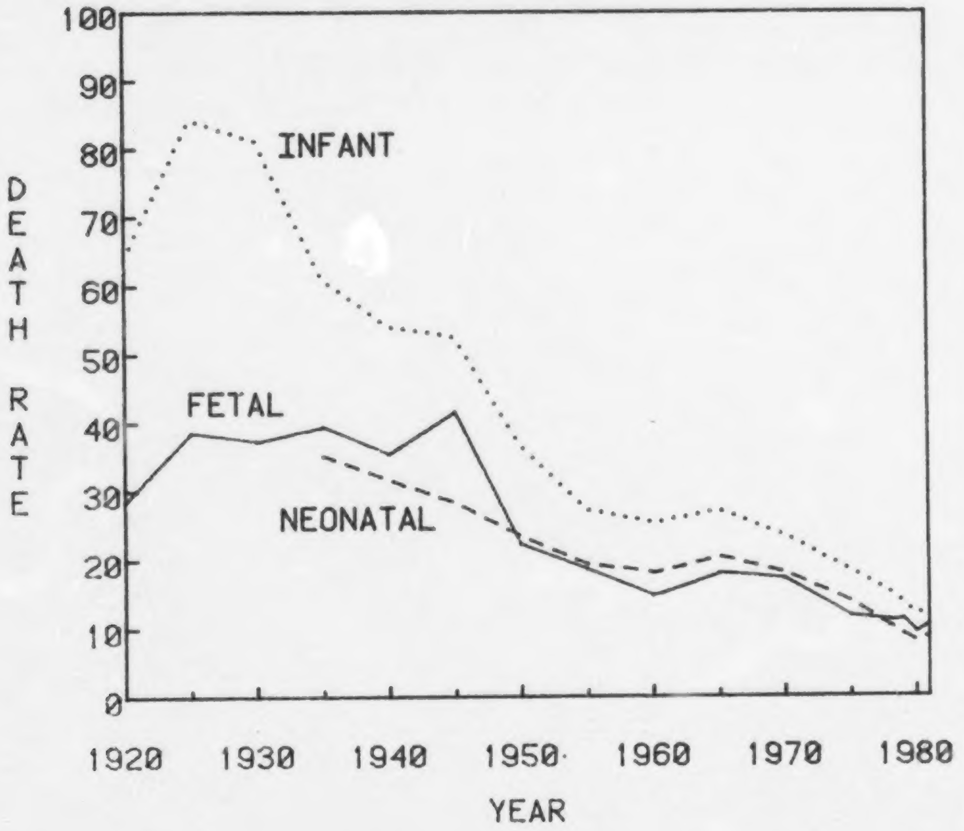
WEST VIRGINIA RESIDENT DEATHS 1981
Non-Transport Accidental Deaths
Table 24

ICDA 9 NUMBER CODE	NON-TRANSPORT ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	37
E870-879	SURGICAL MISADVENTURES AND/OR COMPLICATIONS	11
E880-888	FALLS	119
E890-899	FIRES AND FLAMES	89
E900	EXCESSIVE HEAT	1
E901	EXCESSIVE COLD	14
E904	HUNGER, THIRST, EXPOSURE, NEGLECT	3
E905	VENOMOUS ANIMALS AND PLANTS	1
E906	OTHER INJURY CAUSED BY ANIMALS	2
E908	STORMS, AND FLOODS	1
E910	DROWNING AND SUBMERSION	58
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	22
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	9
E913	MECHANICAL SUFFOCATION	1
E916	STRUCK BY FALLING OBJECT	31
E917	STRIKING AGAINST OR STRUCK BY OBJECTS OR PERSONS	2
E918	CAUGHT IN OR BETWEEN OBJECTS	1
E919	CAUSED BY MACHINERY	28
E920	CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	3
E921	CAUSED BY EXPLOSION OF PRESSURE VESSEL	1
E922	CAUSED BY FIREARM MISSILE	17
E923	CAUSED BY EXPLOSIVE MATERIAL	3
E924	CAUSED BY HOT, CAUSTIC, OR CORROSIVE MATERIAL	2
E925	CAUSED BY ELECTRIC CURRENT	13
E927	OVEREXERTION AND STRENUOUS MOVEMENTS	1
E928	OTHER AND UNSPECIFIED CAUSES	6
E929	LATE EFFECTS OF INJURY	6
E850-929	TOTAL	482

WEST VIRGINIA RESIDENT DEATHS 1981
Home Accidental Deaths
Table 25

ICDA 9 NUMBER CODE	HOME ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	19
E870-879	SURGICAL MISADVENTURES AND/OR COMPLICATIONS	1
E880-888	FALLS	86
E890-899	FIRES AND FLAMES	86
E901	EXCESSIVE COLD	5
E906	OTHER INJURY CAUSED BY ANIMALS	1
E910	DROWNING AND SUBMERSION	5
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	9
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	2
E916	STRUCK BY FALLING OBJECT	2
E919	CAUSED BY MACHINERY	3
E920	CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	2
E922	CAUSED BY FIREARM MISSILE	8
E924	CAUSED BY HOT, CAUSTIC, OR CORROSIVE MATERIAL	1
E925	CAUSED BY ELECTRIC CURRENT	6
E800-949	TOTAL	236

WEST VIRGINIA RESIDENT DEATHS 1981
Fetal, Neonatal, Infant Deaths
Number and Ratio
Exhibit 17



YEAR OF DEATH	FETAL DEATHS		NEONATAL DEATHS		INFANT DEATHS	
	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births
1920	783	28.4	NA	NA	1,760	63.9
1925	1,740	38.5	NA	NA	3,809	84.2
1930	1,547	37.2	NA	NA	3,370	81.0
1935	1,647	39.4	1,467	35.1	2,538	60.8
1940	1,483	35.4	1,321	31.5	2,258	53.9
1945	1,594	41.5	1,085	28.2	2,013	52.4
1950	1,126	22.1	1,184	23.3	1,849	36.4
1955	813	18.4	847	19.2	1,198	27.1
1960	583	14.7	713	18.0	1,005	25.3
1965	575	18.0	649	20.3	867	27.1
1970	513	17.0	542	17.9	705	23.3
1975	323	11.6	385	13.8	513	18.3
1978	319	11.0	296	10.2	437	15.1
1979	332	11.2	269	9.0	408	13.7
1980	275	9.3	235	8.0	347	11.8
1981	293	10.5	246	8.8	363	13.1

WEST VIRGINIA INFANT DEATHS 1981
Cause of Death by Age
Table 26

ICDA 9 CODE NUMBER	CAUSE OF DEATH	UNDER 1 DAY	1 TO 6 DAYS	7 TO 27 DAYS	28 DAYS TO 11 MONTHS	TOTAL
001-999	TOTAL DEATHS, ALL CAUSES	140	73	32	117	362
008-009	CERTAIN INTESTINAL INFECTIONS	0	0	0	1	1
036	MENINGOCOCCAL INFECTION	0	0	0	2	2
038	SEPTICEMIA	0	1	0	0	1
045-079	VIRAL DISEASES	0	0	1	0	1
210-239	BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNSPECIFIED NATURE	0	0	1	1	2
280-289	DISEASES OF BLOOD AND BLOOD FORMING ORGANS	0	0	0	2	2
320-322	MENINGITIS	0	0	0	2	2
323-389	OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	0	0	0	3	3
390-398, 402,404-429	DISEASE OF THE HEART	2	1	1	4	8
466,490-491	BRONCHITIS AND BRONCHIOLITIS	0	0	0	1	1
480-487	PNEUMONIA AND INFLUENZA	0	0	0	3	3
480-486	PNEUMONIA	0	0	0	3	3
550-553,560	HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION	0	1	0	0	1
553,555-558	GASTRITIS, DUODENITIS, AND NONINFECTIVE ENTERITIS COLITIS	0	0	0	1	1
740-759	CONGENITAL ANOMALIES	31	17	10	23	81
740	ANENCEPHALUS AND SIMILAR ANOMALIES	9	0	0	0	9
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	1	0	1	3	5
742.3	CONGENITAL HYDROCEPHALUS	1	0	0	2	3
745-746	CONGENITAL ANOMALIES OF HEART	6	5	5	13	29
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	0	4	0	1	5
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	2	2	0	0	4
749-751	CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	0	0	0	1	1
752-753	CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	2	0	0	0	2
754-756	CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	3	3	2	1	9
758	CHROMOSOMAL ANOMALIES	1	3	2	2	8
744,757,759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	7	0	0	2	9
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	104	51	13	7	175
760	NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	1	0	0	0	1
761	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	20	1	0	0	21
762	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	9	1	0	0	10
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTHWEIGHT	25	3	0	0	28
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	8	4	1	0	13
768.2-768.4	FETAL DISTRESS IN LIVEBORN INFANT	3	0	0	0	3
768.5-768.9	BIRTH ASPHYXIA	5	4	1	0	10
769	RESPIRATORY DISTRESS SYNDROME	18	23	7	3	51
770	OTHER RESPIRATORY CONDITIONS OF NEWBORN	14	5	1	2	22
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	3	1	2	0	6
772	NEONATAL HEMORRHAGE	1	5	1	1	8
773	HEMOLYTIC DISEASE OF NEWBORN, DUE TO ISOIMMUNIZATION	0	1	0	0	1
774	OTHER PERINATAL JAUNDICE	0	1	0	0	1
775	ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO NEWBORN	0	2	0	0	2
775.0-775.1	SYDROME OF "INFANT OF DIABETIC MOTHER" AND NEONATAL DIABETES MELLITUS	0	2	0	0	2
776.1-779	ALL OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN PERINATAL PERIOD	5	4	1	1	11
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0	5	51	56
798.0	SUDDEN INFANT DEATH SYNDROME	0	0	5	51	56
E800-999	EXTERNAL CAUSES OF INJURY AND POISONING	1	0	1	10	12
E800-949	ACCIDENTS, ALL FORMS	0	0	1	9	10
E810-825	MOTOR VEHICLE ACCIDENTS	0	0	0	3	3
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	0	0	1	3	4
E911	INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	0	0	1	2	3
E912	INHALATION AND INGESTION OF OTHER OBJECTS CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	0	0	0	1	1
E960-969	HOMICIDE	1	0	0	0	1
RESIDUAL	ALL OTHER CAUSES (RESIDUAL)	2	2	0	6	10

WEST VIRGINIA FETAL DEATHS 1981
Number by County of Residence and Occurrence
Ratio by County of Residence
Table 27

COUNTY	RESIDENCE	RATIO *	OCCURRENCE	COUNTY	RESIDENCE	RATIO *	OCCURRENCE
BARBOUR	3	12.3	0	MONONGALIA	10	9.6	18
BERKELEY	7	9.7	3	MONROE	2	11.4	0
BOONE	3	6.9	0	MORGAN	2	15.2	1
BRAXTON	3	15.5	0	NICHOLAS	6	14.3	4
BROOKE	0	0.0	1	OHIO	11	14.9	23
CABELL	11	7.4	28	PENDLETON	1	9.8	0
CALHOUN	1	7.8	0	PLEASANTS	0	0.0	0
CLAY	3	13.8	0	POCAHONTAS	1	8.6	0
DODDRIDGE	0	0.0	0	PRESTON	5	10.0	1
FAYETTE	15	18.9	4	PUTNAM	8	13.5	0
GILMER	0	0.0	0	RALEIGH	20	16.4	31
GRANT	1	7.4	0	RANDOLPH	5	11.6	8
GREENBRIER	3	5.7	4	RITCHIE	2	12.1	0
HAMPSHIRE	2	8.6	1	ROANE	3	11.9	2
HANCOCK	9	17.6	0	SUMMERS	3	14.4	2
HARDY	0	0.0	0	TAYLOR	1	4.0	0
HARRISON	17	14.4	8	TUCKER	0	0.0	0
JACKSON	7	20.9	1	TYLER	0	0.0	0
JEFFERSON	4	8.0	6	UPSHUR	3	8.2	3
KANAWHA	33	10.2	54	WAYNE	3	4.6	0
LEWIS	2	7.1	1	WEBSTER	1	5.4	0
LINCOLN	4	10.1	0	WETZEL	1	2.8	0
LOGAN	9	11.9	9	WIRT	0	0.0	0
MCDOWELL	8	9.6	1	WOOD	18	13.7	18
MARION	8	9.6	8	WYOMING	3	6.0	2
MARSHALL	4	7.3	2				
MASON	1	2.4	5				
MERCER	13	12.7	20	TOTAL	293	10.5	272
MINERAL	6	15.5	0				
MINGO	7	9.6	3				

*FETAL DEATH RATIO = (FETAL DEATHS/LIVE BIRTHS) X 1,000 IN EACH RESPECTIVE COUNTY.

WEST VIRGINIA FETAL DEATHS 1977-1981
Number and Ratio by County of Residence
Table 28

COUNTY OF RESIDENCE	1977		1978		1979		1980		1981	
	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*
Barbour	4	17.7	4	18.2	5	19.2	1	3.9	3	12.3
Berkeley	7	9.9	8	11.6	8	11.3	4	5.6	7	9.7
Boone	6	10.5	7	14.6	4	7.8	3	5.9	3	6.9
Braxton	4	20.0	1	5.6	3	15.0	3	15.3	3	15.5
Brooke	4	10.7	8	22.2	3	7.4	4	9.8	0	0.0
Cabell	13	8.2	11	7.2	12	7.6	23	15.2	11	7.4
Calhoun	2	14.7	2	13.5	2	15.6	0	0.0	1	7.8
Clay	1	5.3	2	10.7	1	5.3	3	15.2	3	13.8
Doddridge	0	0.0	0	0.0	0	0.0	1	8.6	0	0.0
Fayette	13	13.8	16	16.5	16	17.8	11	11.7	15	18.9
Gilmer	1	7.9	0	0.0	4	30.3	1	8.0	0	0.0
Grant	0	0.0	2	15.7	0	0.0	0	0.0	1	7.4
Greenbrier	5	9.2	2	4.1	3	5.5	5	8.8	3	5.7
Hampshire	1	4.8	0	0.0	0	0.0	2	9.6	2	8.6
Hancock	5	8.9	6	13.7	9	16.7	8	14.5	9	17.6
Hardy	0	0.0	0	0.0	0	0.0	1	7.0	0	0.0
Harrison	17	16.7	20	18.4	8	6.9	9	7.8	17	14.4
Jackson	4	10.9	3	9.2	4	10.3	2	4.3	7	20.9
Jefferson	5	20.0	7	15.7	3	6.4	2	3.9	4	8.0
Kanawha	38	10.4	35	9.8	30	8.6	25	7.2	33	10.2
Lewis	3	10.3	3	11.1	2	7.8	6	22.2	2	7.1
Lincoln	3	7.2	4	10.0	5	12.3	5	12.8	4	10.1
Logan	10	9.3	9	9.9	6	6.4	8	9.3	9	11.9
McDowell	10	8.7	14	14.2	7	7.2	10	11.3	8	9.6
Marion	18	19.8	7	7.7	13	14.1	5	5.6	8	9.6
Marshall	7	12.0	7	12.2	5	8.1	5	8.9	4	7.3
Mason	3	7.9	5	13.0	5	10.8	2	4.7	1	2.4
Mercer	18	15.1	15	14.1	8	7.2	10	9.1	13	12.7
Mineral	7	18.4	8	20.9	10	24.0	7	17.5	6	15.5
Mingo	13	16.3	9	11.2	13	17.2	11	14.8	7	9.6

WEST VIRGINIA FETAL DEATHS 1977-1981
Number and Ratio by County of Residence
Table 28 (cont'd)

COUNTY OF RESIDENCE	1977		1978		1979		1980		1981	
	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*	No.	Ratio*
Monongalia	10	10.3	9	9.3	11	11.5	8	8.4	10	9.6
Monroe	1	5.3	1	6.0	3	16.1	2	10.7	2	11.4
Morgan	1	7.9	2	14.1	1	7.7	0	0.0	2	15.2
Nicholas	4	8.0	4	8.0	5	10.3	5	11.4	6	14.3
Ohio	11	13.6	6	8.5	19	24.2	17	21.7	11	14.9
Pendleton	0	0.0	0	0.0	2	16.1	0	0.0	1	9.8
Pleasants	0	0.0	1	10.1	4	32.3	2	16.3	0	0.0
Pocahontas	2	12.3	3	22.7	2	13.1	1	7.1	1	8.6
Preston	4	8.4	6	11.7	3	5.8	5	10.0	5	10.0
Putnam	3	5.6	4	7.5	5	8.3	3	5.1	8	13.5
Raleigh	14	9.6	14	10.0	16	11.4	15	11.3	20	16.4
Randolph	4	9.3	6	13.3	8	20.0	4	9.5	5	11.6
Ritchie	1	5.8	1	6.0	3	16.9	0	0.0	2	12.1
Roane	1	3.9	2	7.4	3	11.0	3	11.6	3	11.9
Summers	3	10.9	2	8.3	4	16.5	3	12.1	3	14.4
Taylor	2	8.6	1	4.5	4	15.7	1	3.9	1	4.0
Tucker	0	0.0	0	0.0	3	23.8	2	16.8	0	0.0
Tyler	3	19.7	2	13.2	3	20.1	3	19.6	0	0.0
Upshur	5	13.8	7	19.3	8	21.3	4	10.2	3	8.2
Wayne	7	10.3	5	7.5	7	10.7	5	7.3	3	4.6
Webster	2	9.7	2	10.2	5	24.6	1	5.0	1	5.4
Wetzel	2	6.1	3	9.6	5	15.9	2	6.1	1	2.8
Wirt	2	30.8	0	0.0	1	15.9	1	12.7	0	0.0
Wood	13	9.6	16	11.7	15	10.5	8	5.7	18	13.7
Wyoming	9	12.6	7	11.2	3	5.2	3	5.0	3	6.0
STATE TOTAL	326	10.9	319	11.0	332	11.2	275	9.3	293	10.5

*Fetal Death Ratio = $\frac{\text{Fetal Deaths}}{\text{Live Births}}$ x 1,000 in each respective county.

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes by Race and Sex
Table 29

SELECTED CAUSES OF DEATH	TOTAL	WHITE		NON-WHITE	
		MALE	FEMALE	MALE	FEMALE
FETAL DEATHS	293	152	124	9	8
TOTAL DEATHS, ALL CAUSES	19,039	10,099	8,098	450	392
DEATHS UNDER 1 YEAR	362	212	125	16	9
DEATHS UNDER 28 DAYS	245	142	87	11	5
INTESTINAL INFECTIOUS DISEASES	5	3	2	0	0
TUBERCULOSIS	16	11	4	1	0
SEPTICEMIA	76	39	30	4	3
MALIGNANT NEOPLASMS	3,732	1,980	1,588	90	74
--OF DIGESTIVE ORGANS AND PERITONEUM	856	429	385	22	20
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,080	761	278	34	7
--OF GENITOURINARY ORGANS	546	288	229	18	11
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	59	30	28	1	0
DIABETES MELLITUS	354	120	205	8	21
NUTRITIONAL DEFICIENCIES	23	12	11	0	0
ANEMIAS	39	13	23	0	3
MAJOR CARDIOVASCULAR DISEASES	9,904	4,986	4,517	196	205
DISEASES OF THE HEART	7,966	4,167	3,499	155	145
HYPERTENSION	59	23	31	2	3
CEREBROVASCULAR DISEASES	1,464	591	791	33	49
ARTERIOSCLEROSIS	241	99	132	3	7
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	174	106	64	3	1
PNEUMONIA AND INFLUENZA	462	234	216	6	6
PNEUMONIA	436	223	201	6	6
INFLUENZA	26	11	15	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	746	482	231	24	9
BRONCHITIS, EMPHYSEMA, AND ASTHMA	213	137	73	1	2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	125	107	9	8	1
COALWORKER'S PNEUMOCONIOSIS	50	47	0	3	0
ULCER OF STOMACH AND DUODENUM	55	30	23	1	1
HERNIA AND INTESTINAL OBSTRUCTION	50	19	27	1	3
CHRONIC LIVER DISEASE AND CIRRHOSIS	240	159	74	4	3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	45	21	20	1	3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	158	76	68	9	5
INFECTIONS OF KIDNEY	22	6	15	0	1
CONGENITAL ANOMALIES	129	69	56	1	3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	175	103	59	9	4
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	64	32	26	4	2
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	28	18	7	3	0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	170	107	52	7	4
ACCIDENTS, ALL FORMS	951	669	246	30	6
MOTOR VEHICLE ACCIDENTS	439	312	111	14	2
HOME ACCIDENTS	236	128	95	9	4
WORK ACCIDENTS	91	86	2	3	0
SUICIDE	233	179	49	4	1
HOMICIDE	131	77	34	14	6
ALL OTHER CAUSES (RESIDUAL)	1,139	567	511	31	30

WEST VIRGINIA RESIDENT DEATHS 1981
Cause of Death, Number and Rate
Table 30

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
001-999	TOTAL DEATHS, ALL CAUSES	19,039	9.8
001-136	INFECTIOUS AND PARASITIC DISEASES	135	6.9
001-009	INTESTINAL INFECTIOUS DISEASES	5	0.3
008	INTESTINAL INFECTIONS DUE TO OTHER ORGANISMS	4	0.2
009	ILL-DEFINED INTESTINAL INFECTIONS	1	0.1
010-018	TUBERCULOSIS	16	0.8
011	PULMONARY TUBERCULOSIS	15	0.8
018	MILIARY TUBERCULOSIS	1	0.1
030-041	OTHER BACTERIAL DISEASES	86	4.4
036	MENINGOCOCCAL INFECTION	4	0.2
037	TETANUS	1	0.1
038	SEPTICEMIA	76	3.9
040	OTHER BACTERIAL DISEASES	1	0.1
041	BACTERIAL INFECTION IN CONDITIONS CLASSIFIED ELSEWHERE AND OF UNSPECIFIED SITE	4	0.2
045-049	POLIOMYELITIS AND OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	2	0.1
046	SLOW VIRUS INFECTION OF CENTRAL NERVOUS SYSTEM	1	0.1
047	MENINGITIS DUE TO ENTEROVIRUS	1	0.1
050-057	VIRAL DISEASES ACCOMPANIED BY EXANTHEM	6	0.3
052	CHICKENPOX	2	0.1
053	HERPES ZOSTER	3	0.2
054	HERPES SIMPLEX	1	0.1
070-079	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	5	0.3
070	VIRAL HEPATITIS	5	0.3
090-099	SYPHILIS AND OTHER VENEREAL DISEASES	1	0.1
094	NEUROSYPHILIS	1	0.1
110-118	MYCOSES	8	0.4
112	CANDIDIASIS	2	0.1
114	COCCIDIOIDOMYCOSIS	1	0.1
117	OTHER MYCOSES	5	0.3
130-136	OTHER INFECTIOUS AND PARASITIC DISEASES	6	0.3
135	SARCOIDOSIS	2	0.1
136	OTHER AND UNSPECIFIED INFECTIOUS AND PARASITIC DISEASES	4	0.2
137-139	LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	6	0.3
137	LATE EFFECTS OF TUBERCULOSIS	5	0.3
139	LATE EFFECTS OF OTHER INFECTIOUS AND PARASITIC DISEASES	1	0.1
140-239	NEOPLASMS	3,791	194.4
140-208	MALIGNANT NEOPLASMS	3,732	191.4
140-149	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	59	3.0
140	MALIGNANT NEOPLASM OF LIP	4	0.2
141	MALIGNANT NEOPLASM OF TONGUE	14	0.7
142	MALIGNANT NEOPLASM OF MAJOR SALIVARY GLANDS	3	0.2
143	MALIGNANT NEOPLASM OF GUM	1	0.1
144	MALIGNANT NEOPLASM OF FLOOR OF MOUTH	2	0.1
145	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF MOUTH	11	0.6
146	MALIGNANT NEOPLASM OF OROPHARYNX	1	0.1
147	MALIGNANT NEOPLASM OF NASOPHARYNX	7	0.4
148	MALIGNANT NEOPLASM OF HYPOPHARYNX	2	0.1
149	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	14	0.7
150-159	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	856	43.9
150	MALIGNANT NEOPLASM OF ESOPHAGUS	48	2.5
151	MALIGNANT NEOPLASM OF STOMACH	109	5.6
152	MALIGNANT NEOPLASM OF SMALL INTESTINE, INCLUDING DUODENUM	5	0.3
153	MALIGNANT NEOPLASM OF COLON	302	15.5
154	MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION AND ANUS	103	5.3
155	MALIGNANT NEOPLASM OF LIVER AND INTRAHEPATIC BILE DUCTS	50	2.6
156	MALIGNANT NEOPLASM OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	35	1.8

WEST VIRGINIA RESIDENT DEATHS 1981
Cause of Death, Number and Rate
Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
157	MALIGNANT NEOPLASM OF PANCREAS	167	8.6
158	MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM	5	0.3
159	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	32	1.6
160-165	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1,080	55.4
160	MALIGNANT NEOPLASM OF NASAL CAVITIES, MIDDLE EAR AND ACCESSORY SINUSES	6	0.3
161	MALIGNANT NEOPLASM OF LARYNX	37	1.9
162	MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNG	1,030	52.8
163	MALIGNANT NEOPLASM OF PLEURA	3	0.2
164	MALIGNANT NEOPLASM OF THYMUS, HEART AND MEDIASTINUM	4	0.2
170-175	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST	381	19.5
170	MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE	8	0.4
171	MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE	17	0.9
172	MALIGNANT MELANOMA OF SKIN	43	2.2
173	OTHER MALIGNANT NEOPLASM OF SKIN	15	0.8
174	MALIGNANT NEOPLASM OF FEMALE BREAST	296	15.2
175	MALIGNANT NEOPLASM OF MALE BREAST	2	0.1
179-189	MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	546	28.0
179	MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED	14	0.7
180	MALIGNANT NEOPLASM OF CERVIX UTERI	58	3.0
182	MALIGNANT NEOPLASM OF BODY OF UTERUS	17	0.9
183	MALIGNANT NEOPLASM OF OVARY AND OTHER UTERINE ADNEXA	81	4.2
184	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	9	0.5
185	MALIGNANT NEOPLASM OF PROSTATE	185	9.5
186	MALIGNANT NEOPLASM OF TESTIS	3	0.2
187	MALIGNANT NEOPLASM OF PENIS AND OTHER MALE GENITAL ORGANS	1	0.1
188	MALIGNANT NEOPLASM OF BLADDER	98	5.0
189	MALIGNANT NEOPLASM OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS	80	4.1
190-199	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	464	23.8
190	MALIGNANT NEOPLASM OF EYE	2	0.1
191	MALIGNANT NEOPLASM OF BRAIN	73	3.7
192	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	2	0.1
193	MALIGNANT NEOPLASM OF THYROID GLAND	9	0.5
194	MALIGNANT NEOPLASM OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	3	0.2
195	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES	26	1.3
197	SECONDARY MALIGNANT NEOPLASM OF RESPIRATORY AND DIGESTIVE SYSTEMS	1	0.1
199	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	348	17.8
200-208	MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	346	17.7
200	LYMPHOSARCOMA AND RETICULOSARCOMA	39	2.0
201	HODGKIN'S DISEASE	20	1.0
202	OTHER MALIGNANT NEOPLASM OF LYMPOID AND HISTIOCYTIC TISSUE	70	3.6
203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	47	2.4
204	LYMPHOID LEUKEMIA	52	2.7
205	MYELOID LEUKEMIA	77	3.9
206	MONOCYTIC LEUKEMIA	3	0.2
207	OTHER SPECIFIED LEUKEMIA	8	0.4
208	LEUKEMIA OF UNSPECIFIED CELL TYPE	30	1.5
210-229, 235-239	BENIGN AND UNSPECIFIED NEOPLASMS AND NEOPLASMS OF UNCERTAIN BEHAVIOR	59	3.0
210-229	BENIGN NEOPLASMS	9	0.5
211	BENIGN NEOPLASM OF OTHER PARTS OF DIGESTIVE SYSTEM	1	0.1
225	BENIGN NEOPLASM OF BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	6	0.3
228	HEMANGIOMA AND LYMPHANGIOMA, ANY SITE	2	0.1
235-238	NEOPLASMS OF UNCERTAIN BEHAVIOR	9	0.5
237	NEOPLASM OF UNCERTAIN BEHAVIOR OF ENDOCRINE GLANDS AND NERVOUS SYSTEM	1	0.1
238	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSPECIFIED SITES AND TISSUES	8	0.4
239	NEOPLASMS OF UNSPECIFIED NATURE	41	2.1

WEST VIRGINIA RESIDENT DEATHS 1981
Cause of Death, Number and Rate
Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
239	NEOPLASM OF UNSPECIFIED NATURE	41	2.1
240-279	ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES AND IMMUNITY DISORDERS	477	24.5
240-246	DISORDERS OF THYROID GLAND	10	0.5
242	THYROTOXICOSIS WITH OR WITHOUT GOITER	4	0.2
244	ACQUIRED HYPOTHYROIDISM	5	0.3
245	THYROIDITIS	1	0.1
250-259	DISEASES OF OTHER ENDOCRINE GLANDS	361	18.5
250	DIABETES MELLITUS	354	18.2
251	OTHER DISORDERS OF PANCREATIC INTERNAL SECRETION	2	0.1
253	DISORDERS OF THE PITUITARY GLAND AND ITS HYPOTHALAMIC CONTROL	3	0.2
255	DISORDERS OF ADRENAL GLANDS	1	0.1
259	OTHER ENDOCRINE DISORDERS	1	0.1
260-269	NUTRITIONAL DEFICIENCIES	23	1.2
263	OTHER AND UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	22	1.1
269	OTHER NUTRITIONAL DEFICIENCIES	1	0.1
270-279	OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	83	4.3
272	DISORDERS OF LIPOID METABOLISM	1	0.1
273	DISORDERS OF PLASMA PROTEIN METABOLISM	1	0.1
274	GOUT	1	0.1
275	DISORDERS OF MINERAL METABOLISM	6	0.3
276	DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	46	2.4
277	OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	14	0.7
278	OBESITY AND OTHER HYPERALIMENTATION	12	0.6
279	DISORDERS INVOLVING THE IMMUNE MECHANISM	2	0.1
280-289	DISEASES OF BLOOD AND BLOODING FORMING ORGANS	64	3.3
280	IRON DEFICIENCY ANEMIAS	1	0.1
281	OTHER DEFICIENCY ANEMIAS	3	0.2
282	HEREDITARY HEMOLYTIC ANEMIAS	6	0.3
283	ACQUIRED HEMOLYTIC ANEMIAS	1	0.1
284	APLASTIC ANEMIA	12	0.6
285	OTHER AND UNSPECIFIED ANEMIAS	16	0.8
286	COAGULATION DEFECTS	10	0.5
287	PURPURA AND OTHER HEMORRHAGIC CONDITIONS	3	0.2
288	DISEASES OF WHITE BLOOD CELLS	5	0.3
289	OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	7	0.4
290-319	MENTAL DISORDERS	120	6.2
290-294	ORGANIC PSYCHOTIC CONDITIONS	13	0.7
290	SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	9	0.5
291	ALCOHOLIC PSYCHOSES	4	0.2
295-299	OTHER PSYCHOSES	9	0.5
298	OTHER NONORGANIC PSYCHOSES	9	0.5
300-316	NEUROTIC DISORDERS, PERSONALITY DISORDERS AND OTHER NONPSYCHOTIC MENTAL DISORDERS	98	5.0
300	NEUROTIC DISORDERS	1	0.1
303	ALCOHOL DEPENDENCE SYNDROME	30	1.5
304	DRUG DEPENDENCE	1	0.1
305	NONDEPENDENT ABUSE OF DRUGS	17	0.9
306	PHYSIOLOGICAL MALFUNCTION ARISING FROM MENTAL FACTORS	1	0.1
307	SPECIAL SYMPTOMS OR SYNDROMES NOT ELSEWHERE CLASSIFIED	3	0.2
310	SPECIFIC NONPSYCHOTIC MENTAL DISORDERS FOLLOWING ORGANIC BRAIN DAMAGE	42	2.2
311	DEPRESSIVE DISORDER, NOT ELSEWHERE CLASSIFIED	2	0.1
315	SPECIFIC DELAYS IN DEVELOPMENT	1	0.1
320-389	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	188	9.6
320-326	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	17	0.9
320	BACTERIAL MENINGITIS	12	0.6
322	MENINGITIS OF UNSPECIFIED CAUSE	4	0.2
324	INTRACRANIAL AND INTRASPINAL ABSCESS	1	0.1

WEST VIRGINIA RESIDENT DEATHS 1981
Cause of Death, Number and Rate
Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
330-337	HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	83	4.3
331	OTHER CEREBRAL DEGENERATIONS	21	1.1
332	PARKINSON'S DISEASE	31	1.6
333	OTHER EXTRAPYRAMIDAL DISEASE AND ABNORMAL MOVEMENT DISORDERS	7	0.4
334	SPINOCEREBELLAR DISEASE	2	0.1
335	ANTERIOR HORN CELL DISEASE	21	1.1
337	DISORDERS OF THE AUTONOMIC NERVOUS SYSTEM	1	0.1
340-349	OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	78	4.0
340	MULTIPLE SCLEROSIS	14	0.7
341	OTHER DEMYELINATING DISEASES OF CENTRAL NERVOUS SYSTEM	4	0.2
342	HEMIPLEGIA	5	0.3
343	INFANTILE CEREBRAL PALSY	4	0.2
344	OTHER PARALYTIC SYNDROMES	4	0.2
345	EPILEPSY	27	1.4
348	OTHER CONDITIONS OF BRAIN	17	0.9
349	OTHER AND UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	3	0.2
350-359	DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	9	0.5
356	HEREDITARY AND IDIOPATHIC PERIPHERAL NEUROPATHY	1	0.1
358	MYONEURAL DISORDERS	4	0.2
359	MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	4	0.2
380-389	DISEASES OF THE EAR AND MASTOID PROCESS	1	0.1
382	SUPPURATIVE AND UNSPECIFIED OTITIS MEDIA	1	0.1
390-459	DISEASES OF THE CIRCULATORY SYSTEM	9,945	510.1
390-448	MAJOR CARDIOVASCULAR DISEASE	9,904	508.0
390-398, 402, 404-429	DISEASES OF THE HEART	7,966	408.6
393-398	CHRONIC RHEUMATIC HEART DISEASE	62	3.2
394	DISEASES OF MITRAL VALVE	31	1.6
395	DISEASES OF AORTIC VALVE	5	0.3
396	DISEASES OF MITRAL AND AORTIC VALVES	7	0.4
397	DISEASES OF OTHER ENDOCARDIAL STRUCTURES	6	0.3
398	OTHER RHEUMATIC HEART DISEASE	13	0.7
401-405	HYPERTENSIVE DISEASE	293	15.0
401	ESSENTIAL HYPERTENSION	30	1.5
402	HYPERTENSIVE HEART DISEASE	209	10.7
403	HYPERTENSIVE RENAL DISEASE	29	1.5
404	HYPERTENSIVE HEART AND RENAL DISEASE	25	1.3
410-414	ISCHEMIC HEART DISEASE	5,604	287.4
410	ACUTE MYOCARDIAL INFARCTION	3,085	158.2
411	OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	17	0.9
412	OLD MYOCARDIAL INFARCTION	13	0.7
413	ANGINA PECTORIS	5	0.3
414	OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	2,484	127.4
415-417	DISEASES OF PULMONARY CIRCULATION	111	5.7
415	ACUTE PULMONARY HEART DISEASE	91	4.7
416	CHRONIC PULMONARY HEART DISEASE	19	1.0
417	OTHER DISEASES OF PULMONARY CIRCULATION	1	0.1
420-429	OTHER FORMS OF HEART DISEASE	1,955	100.3
421	ACUTE AND SUBACUTE ENDOCARDITIS	5	0.3
422	ACUTE MYOCARDITIS	3	0.2
423	OTHER DISEASES OF PERICARDIUM	4	0.2
424	OTHER DISEASES OF ENDOCARDIUM	53	2.7
425	CARDIOMYOPATHY	90	4.6
426	CONDUCTION DISORDERS	1	0.1
427	CARDIAC DYSRHYTHMIAS	383	19.6

WEST VIRGINIA RESIDENT DEATHS 1981
Cause of Death, Number and Rate
Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
428	HEART FAILURE	290	14.9
429	ILL-DEFINED DESCRIPTIONS AND COMPLICATIONS OF HEART DISEASE	1.126	57.8
430-438	CEREBROVASCULAR DISEASE	1.464	75.1
430	SUBARACHNOID HEMORRHAGE	58	3.0
431	INTRACEREBRAL HEMORRHAGE	158	8.1
432	OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	10	0.5
433	OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	18	0.9
434	OCCLUSION OF CEREBRAL ARTERIES	256	13.1
435	TRANSCIENT CEREBRAL ISCHEMIA	2	0.1
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	813	41.7
437	OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	115	5.9
438	LATE EFFECTS OF CEREBROVASCULAR DISEASE	34	1.7
440-448	DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	415	21.3
440	ATHEROSCLEROSIS	241	12.4
441	AORTIC ANEURYSM	120	6.2
442	OTHER ANEURYSM	6	0.3
443	OTHER PERIPHERAL VASCULAR DISEASE	17	0.9
444	ARTERIAL EMBOLISM AND THROMBOSIS	19	1.0
446	POLYARTERITIS NODOSA AND ALLIED CONDITIONS	3	0.2
447	OTHER DISORDERS OF ARTERIES AND ARTERIOLES	8	0.4
448	DISEASES OF CAPILLARIES	1	0.1
451-459	DISEASES OF VEINS AND LYMPHATICS, AND OTHER DISEASES OF CIRCULATORY SYSTEM	41	2.1
451	PHLEBITIS AND THROMBOPHLEBITIS	19	1.0
453	OTHER VENOUS EMBOLISM AND THROMBOSIS	2	0.1
454	VARICOSE VEINS OF LOWER EXTREMITIES	4	0.2
456	VARICOSE VEINS OF OTHER SITES	6	0.3
458	HYPOTENSION	5	0.3
459	OTHER DISORDERS OF CIRCULATORY SYSTEM	5	0.3
460-519	DISEASES OF THE RESPIRATORY SYSTEM	1,465	75.1
460-466	ACUTE RESPIRATORY INFECTIONS	9	0.5
464	ACUTE LARYNGITIS AND TRACHEITIS	1	0.1
465	ACUTE UPPER RESPIRATORY INFECTIONS OF MULTIPLE OR UNSPECIFIED SITES	4	0.2
466	ACUTE BRONCHITIS AND BRONCHIOLITIS	4	0.2
470-478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	2	0.1
478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	2	0.1
480-487	PNEUMONIA AND INFLUENZA	462	23.7
480	VIRAL PNEUMONIA	6	0.3
481	PNEUMOCOCCAL PNEUMONIA	21	1.1
482	OTHER BACTERIAL PNEUMONIA	14	0.7
485	BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	85	4.4
486	PNEUMONIA, ORGANISM UNSPECIFIED	310	15.9
487	INFLUENZA	26	1.3
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	746	38.3
490	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	5	0.3
491	CHRONIC BRONCHITIS	43	2.2
492	EMPHYSEMA	142	7.3
493	ASTHMA	23	1.2
494	BRONCHIECTASIS	9	0.5
495	EXTRINSIC ALLERGIC ALVEOLITIS	1	0.1
496	CHRONIC AIRWAYS OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	523	26.8
500-508	PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	125	6.4
500	COALWORKERS' PNEUMOCONIOSIS	50	2.6
502	PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	3	0.2
505	PNEUMOCONIOSIS, UNSPECIFIED	42	2.2
506	RESPIRATORY CONDITIONS DUE TO CHEMICAL FUMES AND VAPORS	1	0.1
507	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	29	1.5

WEST VIRGINIA RESIDENT DEATHS 1981
Cause of Death, Number and Rate
Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
510-519	OTHER DISEASES OF RESPIRATORY SYSTEM	121	6.2
510	EMPYEMA	1	0.1
511	PLEURISY	10	0.5
512	PNEUMOTHORAX	3	0.2
513	ABSCESS OF LUNG AND MEDIASTINUM	3	0.2
514	PULMONARY CONGESTION AND HYPOSTASIS	17	0.9
515	POSTINFLAMMATORY PULMONARY FIBROSIS	30	1.5
516	OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	5	0.3
518	OTHER DISEASES OF LUNG	45	2.3
519	OTHER DISEASES OF RESPIRATORY SYSTEM	7	0.4
520-579	DISEASES OF THE DIGESTIVE SYSTEM	694	35.6
530-537	DISEASES OF ESOPHAGUS, STOMACH AND DUODENUM	79	4.1
530	DISEASES OF ESOPHAGUS	13	0.7
531	GASTRIC ULCER	12	0.6
532	DUODENAL ULCER	18	0.9
533	PEPTIC ULCER, SITE UNSPECIFIED	25	1.3
534	GASTROJEJUNAL ULCER	2	0.1
535	GASTRITIS AND DUODENITIS	3	0.2
537	OTHER DISORDERS OF STOMACH AND DUODENUM	6	0.3
540-543	APPENDICITIS	7	0.4
540	ACUTE APPENDICITIS	6	0.3
541	APPENDICITIS, UNQUALIFIED	1	0.1
550-553	HERNIA OF ABDOMINAL CAVITY	17	0.9
550	INGUINAL HERNIA	5	0.3
551	OTHER HERNIA OF ABDOMINAL CAVITY, WITH GANGRENE	2	0.1
552	OTHER HERNIA OF ABDOMINAL CAVITY WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE	6	0.3
553	OTHER HERNIA OF ABDOMINAL CAVITY WITHOUT MENTION OF OBSTRUCTION OR GANGRENE	4	0.2
555-558	NONINFECTIOUS ENTERITIS AND COLITIS	64	3.3
555	REGIONAL ENTERITIS	6	0.3
556	IDIOPATHIC PROCTOCOLITIS	3	0.2
557	VASCULAR INSUFFICIENCY OF INTESTINE	46	2.4
558	OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	9	0.5
560-569	OTHER DISEASES OF INTESTINES AND PERITONEUM	99	5.1
560	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	33	1.7
562	DIVERTICULA OF INTESTINE	26	1.3
565	ANAL FISSURE AND FISTULA	1	0.1
566	ABCESS OF ANAL AND RECTAL REGIONS	1	0.1
567	PERITONITIS	9	0.5
568	OTHER DISORDERS OF PERITONEUM	5	0.3
569	OTHER DISORDERS OF INTESTINE	24	1.2
570-579	OTHER DISEASES OF DIGESTIVE SYSTEM	428	22.0
571	CHRONIC LIVER DISEASE AND CIRRHOSIS	240	12.3
572	LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	46	2.4
573	OTHER DISORDERS OF LIVER	12	0.6
574	CHOLELITHIASIS	21	1.1
575	OTHER DISORDERS OF GALLBLADDER	24	1.2
576	OTHER DISORDERS OF BILIARY TRACT	11	0.6
577	DISEASES OF PANCREAS	28	1.4
578	GASTROINTESTINAL HEMORRHAGE	45	2.3
579	INTESTINAL MALABSORPTION	1	0.1
580-589	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	158	8.1
580	ACUTE GLOMERULONEPHRITIS	1	0.1
581	NEPHROTIC SYNDROME	4	0.2
582	CHRONIC GLOMERULONEPHRITIS	1	0.1
583	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC	7	0.4
584	ACUTE RENAL FAILURE	19	1.0

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Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
585	CHRONIC RENAL FAILURE	33	1.7
586	RENAL FAILURE, UNSPECIFIED	91	4.7
587	RENAL SCLEROSIS, UNSPECIFIED	1	0.1
588	DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION	1	0.1
590-599	OTHER DISEASES OF URINARY SYSTEM	97	5.0
590	INFECTIONS OF KIDNEY	22	1.1
592	CALCULUS OF KIDNEY AND URETER	1	0.1
593	OTHER DISORDERS OF KIDNEY AND URETER	19	1.0
595	CYSTITIS	1	0.1
596	OTHER DISORDERS OF BLADDER	2	0.1
599	OTHER DISORDERS OF URETHRA AND URINARY TRACT	52	2.7
600-608	DISEASES OF MALE GENITAL ORGANS	13	0.7
600	HYPERPLASIA OF PROSTATE	7	0.4
601	INFLAMMATORY DISEASES OF PROSTATE	1	0.1
602	OTHER DISORDERS OF PROSTATE	4	0.2
604	ORCHITIS AND EPIDIDYMITIS	1	0.1
617-629	OTHER DISORDERS OF FEMALE GENITAL TRACT	3	0.2
619	FISTULAE INVOLVING FEMALE GENITAL TRACT	1	0.1
620	NONINFLAMMATORY DISORDERS OF OVARY, FALLOPIAN TUBE AND BROAD LIGAMENT	1	0.1
623	NONINFLAMMATORY DISORDERS OF VAGINA	1	0.1
630-676*	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	4	14.4
630-639	PREGNANCY WITH ABORTIVE OUTCOME	1	0.1
637	UNSPECIFIED ABORTION	1	0.1
640-648	COMPLICATIONS MAINLY RELATED TO PREGNANCY	1	0.1
641	ANTEPARTUM HEMORRHAGE, ABRUPTIO PLACENTAE, AND PLACENTA PRAVIA	1	0.1
670-676	COMPLICATIONS OF THE PUERPERIUM	2	0.1
670	MAJOR PUERPERAL INFECTION	1	0.1
674	OTHER AND UNSPECIFIED COMPLICATIONS OF THE PUERPERIUM, NOT ELSEWHERE CLASSIFIED	1	0.1
680-709	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	18	0.9
680-686	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	3	0.2
682	OTHER CELLULITIS AND ABSCESS	3	0.2
690-698	OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	5	0.3
694	BULLOUS DERMATOSES	3	0.2
695	ERYTHEMATOUS CONDITIONS	2	0.1
700-709	OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	10	0.5
707	CHRONIC ULCER OF SKIN	10	0.5
710-719	ARTHROPATHIES AND RELATED DISORDERS	33	1.7
710	DIFFUSE DISEASES OF CONNECTIVE TISSUE	12	0.6
711	ARTHROPATHY ASSOCIATED WITH INFECTIONS	2	0.1
714	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES	12	0.6
715	OSTEOARTHROSIS AND ALLIED DISORDERS	5	0.3
716	OTHER AND UNSPECIFIED ARTHROPATHIES	1	0.1
718	OTHER DERANGEMENT OF JOINT	1	0.1
720-724	DORSOPATHIES	2	0.1
720	ANKYLOSING SPONDYLITIS AND OTHER INFLAMMATORY SPONDYLOPATHIES	1	0.1
721	SPONDYLOSIS AND ALLIED DISORDERS	1	0.1
730-739	OSTEOPATHIES, CHONDROPATHIES AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	8	0.4
730	OSTEOMYELITIS, PERIOSTITIS AND OTHER INFECTIONS INVOLVING BONE	2	0.1
736	OTHER ACQUIRED DEFORMITIES OF LIMBS	1	0.1
737	CURVATURE OF SPINE	4	0.2
738	OTHER ACQUIRED DEFORMITY	1	0.1
740-759	CONGENITAL ANOMALIES	129	6.6
740-759	CONGENITAL ANOMALIES	129	6.6
740	ANENCEPHALUS AND SIMILAR ANOMALIES	9	0.5
741	SPINA BIFIDA	2	0.1

* MATERNAL DEATH RATES ARE PER 100,000 LIVE BIRTHS.

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Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	11	0.6
743	CONGENITAL ANOMALIES OF EYE	1	0.1
745	BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	17	0.9
746	OTHER CONGENITAL ANOMALIES OF HEART	32	1.6
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	7	0.4
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	5	0.3
750	OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT	1	0.1
751	OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	2	0.1
753	CONGENITAL ANOMALIES OF URINARY SYSTEM	9	0.5
755	OTHER CONGENITAL ANOMALIES OF LIMBS	1	0.1
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	8	0.4
757	CONGENITAL ANOMALIES OF THE INTEGUMENT	1	0.1
758	CHROMOSOMAL ANOMALIES	9	0.5
759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	14	0.7
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	175	9.0
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	175	9.0
760	FETUS OR NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	1	0.1
761	FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	21	1.1
762	FETUS OR NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	10	0.5
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTHWEIGHT	28	1.4
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	13	0.7
769	RESPIRATORY DISTRESS SYNDROME	51	2.6
770	OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN	22	1.1
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	6	0.3
772	FETAL AND NEONATAL HEMORRHAGE	8	0.4
773	HEMOLYTIC DISEASE OF FETUS OR NEWBORN, DUE TO ISOIMMUNIZATION	1	0.1
774	OTHER PERINATAL JAUNDICE	1	0.1
775	ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE FETUS AND NEWBORN	2	0.1
776	HEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	1	0.1
777	PERINATAL DISORDERS OF DIGESTIVE SYSTEM	1	0.1
779	OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	9	0.5
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	170	8.7
780-789	SYMPTOMS	18	0.9
780	GENERAL SYMPTOMS	3	0.2
785	SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	13	0.7
786	SYMPTOMS INVOLVING RESPIRATORY SYSTEM AND OTHER CHEST SYMPTOMS	2	0.1
797-799	ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	152	7.8
797	SENILITY WITHOUT MENTION OF PSYCHOSIS	7	0.4
798	SUDDEN DEATH, CAUSE UNKNOWN	70	3.6
799	OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	75	3.8
E800-999*	EXTERNAL CAUSES OF INJURY AND POISONING	1,344	68.9
E800-949	ACCIDENTS, ALL FORMS	951	48.8
E800-807	RAILWAY ACCIDENTS	13	0.7
E805	HIT BY ROLLING STOCK	13	0.7
E810-825	MOTOR VEHICLE ACCIDENTS	439	22.5
E810-819	MOTOR VEHICLE TRAFFIC ACCIDENTS	429	22.0
E810	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH TRAIN	6	0.3
E812	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	136	7.0
E813	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH OTHER VEHICLE	5	0.3
E814	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH PEDESTRIAN	50	2.6
E815	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION ON THE HIGHWAY	37	1.9
E816	MOTOR VEHICLE TRAFFIC ACCIDENT DUE TO LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	73	3.7
E817	NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT WHILE BOARDING OR ALIGHTING	1	0.1
E818	OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT	12	0.6
E819	MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE	109	5.6

* CAUSES 800 THROUGH 999 HAVE BEEN CODED USING E (EXTERNAL) ICDA 9 CODES.

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Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E820-825	MOTOR VEHICLE NONTRAFFIC ACCIDENTS	10	0.5
E821	NONTRAFFIC ACCIDENT INVOLVING OTHER OFF-ROAD MOTOR VEHICLE	2	0.1
E822	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT INVOLVING COLLISION WITH MOVING OBJECT	5	0.3
E825	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT OF OTHER AND UNSPECIFIED NATURE	3	0.2
E826-829	OTHER ROAD VEHICLE ACCIDENTS	3	0.2
E826	PEDAL CYCLE ACCIDENT	2	0.1
E828	ACCIDENT INVOLVING ANIMAL BEING RIDDEN	1	0.1
E830-838	WATER TRANSPORT ACCIDENTS	4	0.2
E830	ACCIDENT TO WATERCRAFT CAUSING SUBMERSION	2	0.1
E832	OTHER ACCIDENTAL SUBMERSION OR DROWNING IN WATER TRANSPORT ACCIDENT	2	0.1
E840-845	AIR AND SPACE TRANSPORT ACCIDENTS	5	0.3
E841	ACCIDENT TO POWERED AIRCRAFT, OTHER AND UNSPECIFIED	4	0.2
E844	OTHER SPECIFIED AIR TRANSPORT ACCIDENTS	1	0.1
E846-848	VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	2	0.1
E846	ACCIDENTS INVOLVING POWERED VEHICLES USED SOLELY WITHIN THE BUILDINGS AND PREMISES OF AN INDUSTRIAL OR COMMERCIAL ESTABLISHMENT	2	0.1
E850-949	NONMOTOR VEHICLE ACCIDENTS	485	24.9
E850-858	ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS	18	0.9
E850	ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, ANTIRHEUMATICS	3	0.2
E851	ACCIDENTAL POISONING BY BARBITURATES	1	0.1
E852	ACCIDENTAL POISONING BY OTHER SEDATIVES AND HYPNOTICS	1	0.1
E854	ACCIDENTAL POISONING BY OTHER PSYCHOTROPIC AGENTS	1	0.1
E856	ACCIDENTAL POISONING BY ANTIBIOTICS	1	0.1
E858	ACCIDENTAL POISONING BY OTHER DRUGS	11	0.6
E860-869	ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES AND VAPORS	19	1.0
E860	ACCIDENTAL POISONING BY ALCOHOL, NOT ELSEWHERE CLASSIFIED	1	0.1
E868	ACCIDENTAL POISONING BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE	18	0.9
E870-876	MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	2	0.1
E870	ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING MEDICAL CARE	1	0.1
E876	OTHER AND UNSPECIFIED MISADVENTURES DURING MEDICAL CARE	1	0.1
E878-879	SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	9	0.5
E878	SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF OPERATION	5	0.3
E879	OTHER PROCEDURES, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE, AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION	4	0.2
E880-888	ACCIDENTAL FALLS	119	6.1
E880	FALL ON OR FROM STAIRS OR STEPS	16	0.8
E881	FALL ON OR FROM LADDERS OR SCAFFOLDING	3	0.2
E882	FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE	7	0.4
E884	OTHER FALL FROM ONE LEVEL TO ANOTHER	10	0.5
E885	FALL ON SAME LEVEL FROM SLIPPING, TRIPPING OR STUMBLING	2	0.1
E887	FRACTURE, CAUSE UNSPECIFIED	5	0.3
E888	OTHER AND UNSPECIFIED FALL	76	3.9
E890-899	ACCIDENTS CAUSED BY FIRE AND FLAMES	89	4.6
E890	CONFLAGRATION IN PRIVATE DWELLING	74	3.8
E893	ACCIDENT CAUSED BY IGNITION OF CLOTHING	8	0.4
E894	IGNITION OF HIGHLY INFLAMMABLE MATERIAL	1	0.1
E895	ACCIDENT CAUSED BY CONTROLLED FIRE IN PRIVATE DWELLING	2	0.1
E898	ACCIDENT CAUSED BY OTHER SPECIFIED FIRE AND FLAMES	2	0.1
E899	ACCIDENT CAUSED BY UNSPECIFIED FIRE	2	0.1
E900-909	ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	22	1.1
E900	EXCESSIVE HEAT	1	0.1
E901	EXCESSIVE COLD	14	0.7
E904	HUNGER, THIRST, EXPOSURE, NEGLECT	3	0.2
E905	VENOMOUS ANIMALS AND PLANTS AS THE CAUSE OF POISONING AND TOXIC REACTIONS	1	0.1

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Table 30 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E906	OTHER INJURY CAUSED BY ANIMALS	2	0.1
E908	CATACLYSMIC STORMS, AND FLOODS RESULTING FROM STORMS	1	0.1
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	90	4.6
E910	ACCIDENTAL DROWNING AND SUBMERSION	58	3.0
E911	INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	22	1.1
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	9	0.5
E913	ACCIDENTAL MECHANICAL SUFFOCATION	1	0.1
E916-928	OTHER ACCIDENTS	108	5.5
E916	STRUCK ACCIDENTALLY BY FALLING OBJECT	31	1.6
E917	STRIKING AGAINST OR STRUCK ACCIDENTALLY BY OBJECTS OR PERSONS	2	0.1
E918	CAUGHT ACCIDENTALLY IN OR BETWEEN OBJECTS	1	0.1
E919	ACCIDENTS CAUSED BY MACHINERY	28	1.4
E920	ACCIDENTS CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	3	0.2
E921	ACCIDENT CAUSED BY EXPLOSION OF PRESSURE VESSEL	1	0.1
E922	ACCIDENT CAUSED BY FIREARM MISSILE	17	0.9
E923	ACCIDENT CAUSED BY EXPLOSIVE MATERIAL	3	0.2
E924	ACCIDENT CAUSED BY HOT SUBSTANCE OR OBJECT, CAUSTIC OR CORROSIVE MATERIAL AND STEAM	2	0.1
E925	ACCIDENT CAUSED BY ELECTRIC CURRENT	13	0.7
E927	OVEREXERTION AND STRENUOUS MOVEMENTS	1	0.1
E928	OTHER AND UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES	6	0.3
E929	LATE EFFECTS OF ACCIDENTAL INJURY	6	0.3
E929	LATE EFFECTS OF ACCIDENTAL INJURY	6	0.3
E930-949	DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	3	0.2
E935	ANALGESICS, ANTIPYRETICS AND ANTIRHEUMATICS	1	0.1
E947	OTHER AND UNSPECIFIED DRUGS AND MEDICAMENTS	2	0.1
E950-959	SUICIDE AND SELF-INFLICTED INJURY	233	12.0
E950	SUICIDE AND SELF-INFLICTED POISONING BY SOLID OR LIQUID SUBSTANCES	18	0.9
E951	SUICIDE AND SELF-INFLICTED POISONING BY GASES IN DOMESTIC USE	1	0.1
E952	SUICIDE AND SELF-INFLICTED POISONING BY OTHER GASES AND VAPORS	7	0.4
E953	SUICIDE AND SELF-INFLICTED INJURY BY HANGING, STRANGULATION AND SUFFOCATION	19	1.0
E954	SUICIDE AND SELF-INFLICTED INJURY BY SUBMERSION (DROWNING)	3	0.2
E955	SUICIDE AND SELF-INFLICTED INJURY BY FIREARMS AND EXPLOSIVES	175	9.0
E956	SUICIDE AND SELF-INFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENTS	2	0.1
E957	SUICIDE AND SELF-INFLICTED INJURIES BY JUMPING FROM HIGH PLACE	6	0.3
E958	SUICIDE AND SELF-INFLICTED INJURY BY OTHER AND UNSPECIFIED MEANS	2	0.1
E960-969	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	131	6.7
E963	ASSAULT BY HANGING AND STRANGULATION	4	0.2
E964	ASSAULT BY SUBMERSION (DROWNING)	2	0.1
E965	ASSAULT BY FIREARMS AND EXPLOSIVES	95	4.9
E966	ASSAULT BY CUTTING AND PIERCING INSTRUMENT	14	0.7
E967	CHILD BATTERING AND OTHER MALTREATMENT	4	0.2
E968	ASSAULT BY OTHER AND UNSPECIFIED MEANS	11	0.6
E969	LATE EFFECTS OF INJURY PURPOSELY INFLICTED BY OTHER PERSON	1	0.1
E970-978	LEGAL INTERVENTION	1	0.1
E970	INJURY DUE TO LEGAL INTERVENTION BY FIREARMS	1	0.1
E980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	28	1.4
E980	POISONING BY SOLID OR LIQUID SUBSTANCES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	5	0.3
E983	HANGING, STRANGULATION OR SUFFOCATION, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	1	0.1
E984	SUBMERSION (DROWNING), UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	4	0.2
E985	INJURY BY FIREARMS AND EXPLOSIVES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	7	0.4
E988	INJURY BY OTHER AND UNSPECIFIED MEANS, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	11	0.6

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by Region
Table 31

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 1		REGION 2		REGION 3		REGION 4		REGION 5		REGION 6	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	49	12.4	35	7.9	47	10.6	26	12.8	31	12.1	41	10.6
TOTAL DEATHS, ALL CAUSES	2,658	9.7	2,864	9.8	3,022	9.7	1,501	10.3	1,729	9.6	2,664	9.8
DEATHS UNDER 1 YEAR	55	14.0	42	9.5	67	15.1	34	16.7	28	10.9	45	11.6
DEATHS UNDER 28 DAYS	35	8.9	26	5.9	51	11.5	19	9.3	19	7.4	32	8.3
INTESTINAL INFECTIOUS DISEASES	2	0.7	2	0.7	0	0.0	0	0.0	1	0.6	0	0.0
TUBERCULOSIS	2	0.7	1	0.3	7	2.2	2	1.4	3	1.7	0	0.0
SEPTICEMIA	9	3.3	11	3.8	13	4.2	8	5.5	2	1.1	15	5.5
MALIGNANT NEOPLASMS	465	168.8	562	192.7	615	197.6	252	172.8	349	194.4	566	207.3
--OF DIGESTIVE ORGANS AND PERITONEUM	117	42.5	132	45.3	120	38.5	53	36.3	102	56.8	128	46.9
--OF RESPIRATORY SYSTEM AND INTROTHRATIC ORGANS	142	51.6	174	59.7	199	63.9	71	48.7	94	52.3	144	52.7
--OF GENITOURINARY ORGANS	74	26.9	89	30.5	87	27.9	35	24.0	48	26.7	79	28.9
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	10	3.6	8	2.7	16	5.1	2	1.4	4	2.2	6	2.2
DIABETES MELLITUS	57	20.7	52	17.8	51	16.4	25	17.1	38	21.2	46	16.8
NUTRITIONAL DEFICIENCIES	1	0.4	4	1.4	4	1.3	3	2.1	2	1.1	4	1.5
ANEMIAS	7	2.5	7	2.4	7	2.2	4	2.7	3	1.7	5	1.8
MAJOR CARDIOVASCULAR DISEASES	1,354	491.6	1,480	507.6	1,502	482.5	765	524.6	897	499.5	1,426	522.3
DISEASES OF THE HEART	1,128	409.6	1,203	412.6	1,205	387.1	618	423.8	723	402.6	1,136	416.1
HYPERTENSION	9	3.3	5	1.7	18	5.8	6	4.1	4	2.2	6	2.2
CEREBROVASCULAR DISEASES	179	65.0	211	72.4	216	69.4	116	79.6	127	70.7	216	79.1
ARTERIOSCLEROSIS	12	4.4	35	12.0	36	11.6	15	10.3	26	14.5	39	14.3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	26	9.4	26	8.9	27	8.7	10	6.9	17	9.5	29	10.6
PNEUMONIA AND INFLUENZA	68	24.7	57	19.5	77	24.7	33	22.6	46	25.6	68	24.9
PNEUMOMIA	65	23.6	56	19.2	74	23.8	31	21.3	42	23.4	66	24.2
INFLUENZA	3	1.1	1	0.3	3	1.0	2	1.4	4	2.2	2	0.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	134	48.7	114	39.1	119	38.2	72	49.4	53	29.5	97	35.5
BRONCHITIS, EMPHYSEMA, AND ASTHMA	35	12.7	31	10.6	33	10.6	22	15.1	15	8.4	28	10.3
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	42	15.3	19	6.5	21	6.7	18	12.3	2	1.1	11	4.0
COALWORKER'S PNEUMOCONIOSIS	22	8.0	3	1.0	11	3.5	8	5.5	0	0.0	3	1.1
ULCER OF STOMACH AND DUODENUM	10	3.6	9	3.1	11	3.5	4	2.7	5	2.8	6	2.2
HERNIA AND INTESTINAL OBSTRUCTION	9	3.3	6	2.1	4	1.3	2	1.4	5	2.8	12	4.4
CHRONIC LIVER DISEASE AND CIRRHOSIS	44	16.0	36	12.3	59	19.0	19	13.0	18	10.0	24	8.8
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	5	1.8	5	1.7	2	0.6	6	4.1	6	3.3	6	2.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	21	7.6	25	8.6	32	10.3	18	12.3	13	7.2	18	6.6
INFECTIONS OF KIDNEY	0	0.0	4	1.4	6	1.9	3	2.1	2	1.1	2	0.7
CONGENITAL ANOMALIES	24	8.7	19	6.5	15	4.8	17	11.7	7	3.9	16	5.9
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	21	7.6	17	5.8	42	13.5	12	8.2	15	8.4	23	8.4
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	12	4.4	6	2.1	17	5.5	3	2.1	7	3.9	10	3.7
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	0.4	2	0.7	7	2.2	2	1.4	1	0.6	4	1.5
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	33	12.0	21	7.2	29	9.3	13	8.9	27	15.0	18	6.6
ACCIDENTS, ALL FORMS	128	46.5	164	56.2	159	51.1	96	65.8	94	52.3	102	37.4
MOTOR VEHICLE ACCIDENTS	63	22.9	67	23.0	77	24.7	49	33.6	47	26.2	47	17.2
HOME ACCIDENTS	25	9.1	41	14.1	44	14.1	15	10.3	20	11.1	23	8.4
WORK ACCIDENTS	16	5.8	13	4.5	13	4.2	12	8.2	7	3.9	14	5.1
SUICIDE	34	12.3	25	8.6	43	13.8	18	12.3	28	15.6	38	13.9
HOMICIDE	35	12.7	25	8.6	19	6.1	11	7.5	3	1.7	10	3.7
ALL OTHER CAUSES (RESIDUAL)	143	51.9	191	65.5	169	54.3	98	67.2	106	59.0	145	53.1

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by Region
Table 31 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 7		REGION 8		REGION 9		REGION 10		REGION 11		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	16	9.3	10	10.2	13	9.6	16	9.8	9	10.4	293	10.5
TOTAL DEATHS, ALL CAUSES	1,223	10.3	654	9.3	753	8.6	1,273	10.2	698	9.8	19,039	9.8
DEATHS UNDER 1 YEAR	25	14.5	17	17.4	14	10.4	20	12.2	15	17.3	362	13.0
DEATHS UNDER 28 DAYS	14	8.1	15	15.3	8	5.9	18	11.0	8	9.2	245	8.8
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	0.3
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0	16	0.8
SEPTICEMIA	3	2.5	1	1.4	6	6.8	6	4.8	2	2.8	76	3.9
MALIGNANT NEOPLASMS	233	196.6	124	176.5	152	173.1	260	208.2	154	215.3	3,732	191.4
--OF DIGESTIVE ORGANS AND PERITONEUM	62	52.3	25	35.6	25	28.5	60	48.0	32	44.7	856	43.9
--OF RESPIRATORY SYSTEM AND INTROTHRATIC ORGANS	59	49.8	33	47.0	54	61.5	62	49.7	48	67.1	1,080	55.4
--OF GENITOURINARY ORGANS	28	23.6	24	34.2	22	25.1	39	31.2	21	29.4	546	28.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	3	2.5	1	1.4	3	3.4	5	4.0	1	1.4	59	3.0
DIABETES MELLITUS	17	14.3	16	22.8	20	22.8	20	16.0	12	16.8	354	18.2
NUTRITIONAL DEFICIENCIES	3	2.5	2	2.8	0	0.0	0	0.0	0	0.0	23	1.2
ANEMIAS	0	0.0	1	1.4	1	1.1	2	1.6	2	2.8	39	2.0
MAJOR CARDIOVASCULAR DISEASES	665	561.1	343	488.2	380	432.9	731	585.4	361	504.6	9,904	508.0
DISEASES OF THE HEART	502	423.6	276	392.9	296	337.2	586	469.3	293	409.6	7,966	408.6
HYPERTENSION	4	3.4	1	1.4	1	1.1	3	2.4	2	2.8	59	3.0
CEREBROVASCULAR DISEASES	117	98.7	54	76.9	62	70.6	110	88.1	56	78.3	1,464	75.1
ARTERIOSCLEROSIS	30	25.3	8	11.4	16	18.2	17	13.6	7	9.8	241	12.4
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	12	10.1	4	5.7	5	5.7	15	12.0	3	4.2	174	8.9
PNEUMONIA AND INFLUENZA	36	30.4	15	21.4	21	23.9	27	21.6	14	19.6	462	23.7
PNEUMOMIA	34	28.7	14	19.9	20	22.8	21	16.8	13	18.2	436	22.4
INFLUENZA	2	1.7	1	1.4	1	1.1	6	4.8	1	1.4	26	1.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	52	43.9	26	37.0	27	30.8	29	23.2	23	32.2	746	38.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA	19	16.0	7	10.0	8	9.1	10	8.0	5	7.0	213	10.9
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	4	3.4	3	4.3	0	0.0	2	1.6	3	4.2	125	6.4
COALWORKER'S PNEUMOCONIOSIS	2	1.7	0	0.0	0	0.0	0	0.0	1	1.4	50	2.6
ULCER OF STOMACH AND DUODENUM	4	3.4	2	2.8	1	1.1	1	0.8	2	2.8	55	2.8
HERNIA AND INTESTINAL OBSTRUCTION	4	3.4	1	1.4	0	0.0	4	3.2	3	4.2	50	2.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	9	7.6	2	2.8	12	13.7	9	7.2	8	11.2	240	12.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	7	5.9	2	2.8	3	3.4	3	2.4	0	0.0	45	2.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	6	5.1	6	8.5	3	3.4	7	5.6	9	12.6	158	8.1
INFECTIONS OF KIDNEY	2	1.7	1	1.4	1	1.1	1	0.8	0	0.0	22	1.1
CONGENITAL ANOMALIES	7	5.9	8	11.4	3	3.4	8	6.4	5	7.0	129	6.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	8	6.8	10	14.2	7	8.0	13	10.4	7	9.8	175	9.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	2	1.7	1	1.4	4	4.6	1	0.8	1	1.4	64	3.3
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	0.8	3	4.3	1	1.1	5	4.0	1	1.4	28	1.4
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	15	12.7	1	1.4	4	4.6	4	3.2	5	7.0	170	8.7
ACCIDENTS, ALL FORMS	49	41.3	48	68.3	38	43.3	40	32.0	33	46.1	951	48.8
MOTOR VEHICLE ACCIDENTS	24	20.3	19	27.0	19	21.6	10	8.0	17	23.8	439	22.5
HOME ACCIDENTS	10	8.4	22	31.3	10	11.4	18	14.4	8	11.2	236	12.1
WORK ACCIDENTS	3	2.5	3	4.3	4	4.6	4	3.2	2	2.8	91	4.7
SUICIDE	16	13.5	5	7.1	8	9.1	12	9.6	6	8.4	233	12.0
HOMICIDE	4	3.4	2	2.8	5	5.7	10	8.0	7	9.8	131	6.7
ALL OTHER CAUSES (RESIDUAL)	76	64.1	34	48.4	58	66.1	78	62.5	41	57.3	1,139	58.4

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	BARBOUR		BERKELEY		BOONE		BRAXTON		BROOKE		CABELL		CALHOUN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	3	12.4	7	9.7	3	7.0	3	15.5	0	0.0	11	7.4	1	7.8
TOTAL DEATHS, ALL CAUSES	173	10.4	405	8.7	276	9.1	176	12.7	324	10.4	1,166	10.9	99	12.0
DEATHS UNDER 1 YEAR	6	24.8	8	11.1	9	20.9	4	20.7	8	22.5	13	8.8	2	15.6
DEATHS UNDER 28 DAYS	3	12.4	5	6.9	8	18.6	1	5.2	6	16.9	8	5.4	2	15.6
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	1	0.9	1	12.1
SEPTICEMIA	0	0.0	3	6.4	1	3.3	0	0.0	0	0.0	6	5.6	0	0.0
MALIGNANT NEOPLASMS	22	132.2	81	173.2	47	154.4	45	323.9	74	237.8	255	238.7	21	254.5
--OF DIGESTIVE ORGANS AND PERITONEUM	6	36.1	14	29.9	9	29.6	13	93.6	17	54.6	65	60.8	7	84.8
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	9	54.1	25	53.4	19	62.4	9	64.8	24	77.1	69	64.6	4	48.5
--OF GENITOURINARY ORGANS	2	12.0	12	25.7	6	19.7	3	21.6	9	28.9	42	39.3	4	48.5
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	6.0	3	6.4	1	3.3	1	7.2	0	0.0	5	4.7	0	0.0
DIABETES MELLITUS	1	6.0	14	29.9	5	16.4	5	36.0	6	19.3	24	22.5	4	48.5
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	3	2.8	0	0.0
ANEMIAS	0	0.0	0	0.0	0	0.0	0	0.0	1	3.2	1	0.9	0	0.0
MAJOR CARDIOVASCULAR DISEASES	106	637.1	191	408.3	129	423.7	96	690.9	158	507.8	625	585.0	47	569.7
DISEASES OF THE HEART	83	498.8	142	303.6	93	305.4	68	489.4	134	430.6	493	461.5	33	400.0
HYPERTENSION	0	0.0	0	0.0	2	6.6	0	0.0	0	0.0	1	0.9	0	0.0
CEREBROVASCULAR DISEASES	17	102.2	35	74.8	28	92.0	25	179.9	20	64.3	103	96.4	10	121.2
ARTERIOSCLEROSIS	5	30.0	12	25.7	5	16.4	2	14.4	3	9.6	12	11.2	3	36.4
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	6.0	2	4.3	1	3.3	1	7.2	1	3.2	16	15.0	1	12.1
PNEUMONIA AND INFLUENZA	5	30.0	12	25.7	6	19.7	4	28.8	11	35.4	17	15.9	2	24.2
PNEUMONIA	5	30.0	12	25.7	5	16.4	4	28.8	10	32.1	17	15.9	2	24.2
INFLUENZA	0	0.0	0	0.0	1	3.3	0	0.0	1	3.2	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	8	48.1	18	38.5	14	46.0	3	21.6	10	32.1	31	29.0	3	36.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	12.0	6	12.8	4	13.1	1	7.2	0	0.0	10	9.4	1	12.1
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	12.0	0	0.0	7	23.0	1	7.2	2	6.4	5	4.7	0	0.0
COALWORKER'S PNEUMOCONIOSIS	1	6.0	0	0.0	7	23.0	1	7.2	1	3.2	1	0.9	0	0.0
ULCER OF STOMACH AND DUODENUM	1	6.0	1	2.1	0	0.0	1	7.2	1	3.2	4	3.7	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	2	6.4	3	2.8	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	9	19.2	4	13.1	1	7.2	5	16.1	13	12.2	0	0.0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	2	12.0	1	2.1	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	6.0	1	2.1	0	0.0	0	0.0	6	19.3	6	5.6	1	12.1
INFECTIONS OF KIDNEY	0	0.0	1	2.1	2	6.6	0	0.0	0	0.0	4	3.7	0	0.0
CONGENITAL ANOMALIES	2	12.0	2	4.3	1	3.3	0	0.0	3	9.6	5	4.7	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	12.0	4	8.6	7	23.0	1	7.2	5	16.1	4	3.7	2	24.2
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	3	6.4	0	0.0	0	0.0	0	0.0	2	1.9	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	3	9.9	0	0.0	1	3.2	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	12.0	1	2.1	4	13.1	3	21.6	0	0.0	6	5.6	0	0.0
ACCIDENTS, ALL FORMS	6	36.1	18	38.5	26	85.4	7	50.4	15	48.2	48	44.9	9	109.1
MOTOR VEHICLE ACCIDENTS	3	18.0	9	19.2	13	42.7	3	21.6	8	25.7	19	17.8	7	84.8
HOME ACCIDENTS	1	6.0	7	15.0	8	26.3	0	0.0	3	9.6	11	10.3	0	0.0
WORK ACCIDENTS	0	0.0	3	6.4	3	9.9	0	0.0	0	0.0	1	0.9	0	0.0
SUICIDE	0	0.0	6	12.8	9	29.6	3	21.6	3	9.6	10	9.4	0	0.0
HOMICIDE	0	0.0	5	10.7	1	3.3	0	0.0	4	12.9	11	10.3	1	12.1
ALL OTHER CAUSES (RESIDUAL)	12	72.1	34	72.7	10	32.8	5	36.0	18	57.8	77	72.1	8	97.0

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	CLAY		DODDRIDGE		FAYETTE		GILMER		GRANT		GREENBRIER		HAMPSHIRE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	3	13.8	0	0.0	15	19.0	0	0.0	1	7.4	3	5.7	2	8.7
TOTAL DEATHS, ALL CAUSES	119	10.6	90	12.1	629	10.9	76	9.1	92	9.0	407	10.8	142	9.6
DEATHS UNDER 1 YEAR	5	23.0	4	39.6	14	17.7	1	9.0	2	14.8	8	15.2	4	17.4
DEATHS UNDER 28 DAYS	3	13.8	4	39.6	8	10.1	1	9.0	2	14.8	5	9.5	4	17.4
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	0	0.0	4	53.8	4	6.9	1	12.0	0	0.0	1	2.7	1	6.7
MALIGNANT NEOPLASMS	10	88.8	18	242.2	105	181.5	13	156.0	14	137.1	70	185.8	39	262.3
--OF DIGESTIVE ORGANS AND PERITONEUM	3	26.6	4	53.8	16	27.7	1	12.0	4	39.2	21	55.8	8	53.8
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	3	26.6	5	67.3	35	60.5	5	60.0	2	19.6	17	45.1	12	80.7
--OF GENITOURINARY ORGANS	1	8.9	3	40.4	15	25.9	2	24.0	4	39.2	9	23.9	7	47.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	2	17.8	1	13.5	0	0.0	0	0.0	1	9.8	0	0.0	0	0.0
DIABETES MELLITUS	0	0.0	0	0.0	10	17.3	1	12.0	5	49.0	6	15.9	0	0.0
NUTRITIONAL DEFICIENCIES	1	8.9	0	0.0	0	0.0	0	0.0	0	0.0	1	2.7	0	0.0
ANEMIAS	1	8.9	0	0.0	2	3.5	0	0.0	1	9.8	1	2.7	0	0.0
MAJOR CARDIOVASCULAR DISEASES	64	568.1	44	592.0	322	556.5	39	468.0	50	489.7	221	586.8	66	443.9
DISEASES OF THE HEART	58	514.9	39	524.7	266	459.7	34	408.0	39	382.0	171	454.0	53	356.5
HYPERTENSION	1	8.9	0	0.0	3	5.2	1	12.0	1	9.8	2	5.3	0	0.0
CEREBROVASCULAR DISEASES	5	44.4	3	40.4	45	77.8	3	36.0	9	88.1	39	103.5	12	80.7
ARTERIOSCLEROSIS	0	0.0	0	0.0	2	3.5	0	0.0	1	9.8	8	21.2	1	6.7
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	2	26.9	6	10.4	1	12.0	0	0.0	1	2.7	0	0.0
PNEUMONIA AND INFLUENZA	2	17.8	1	13.5	12	20.7	3	36.0	2	19.6	6	15.9	4	26.9
PNEUMOMIA	2	17.8	1	13.5	11	19.0	3	36.0	2	19.6	6	15.9	3	20.2
INFLUENZA	0	0.0	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0	1	6.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	7	62.1	2	26.9	31	53.6	4	48.0	2	19.6	20	53.1	5	33.6
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	8.9	1	13.5	8	13.8	2	24.0	0	0.0	6	15.9	1	6.7
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	8.9	0	0.0	10	17.3	0	0.0	0	0.0	1	2.7	1	6.7
COALWORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	3	5.2	0	0.0	0	0.0	1	2.7	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	1	13.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	5.3	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	4	35.5	0	0.0	11	19.0	1	12.0	0	0.0	3	8.0	0	0.0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	13.5	3	5.2	1	12.0	0	0.0	2	5.3	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	0	0.0	7	12.1	1	12.0	0	0.0	5	13.3	3	20.2
INFECTIONS OF KIDNEY	0	0.0	0	0.0	1	1.7	1	12.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	2	17.8	1	13.5	8	13.8	1	12.0	1	9.8	3	8.0	4	26.9
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	17.8	3	40.4	4	6.9	0	0.0	1	9.8	4	10.6	2	13.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	8.9	3	40.4	2	3.5	0	0.0	1	9.8	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	8.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	2	17.8	0	0.0	6	10.4	1	12.0	0	0.0	2	5.3	0	0.0
ACCIDENTS, ALL FORMS	12	106.5	3	40.4	40	69.1	3	36.0	13	127.3	18	47.8	12	80.7
MOTOR VEHICLE ACCIDENTS	3	26.6	1	13.5	21	36.3	2	24.0	5	49.0	8	21.2	5	33.6
HOME ACCIDENTS	6	53.3	0	0.0	7	12.1	0	0.0	6	58.8	2	5.3	7	47.1
WORK ACCIDENTS	1	8.9	0	0.0	1	1.7	0	0.0	1	9.8	4	10.6	0	0.0
SUICIDE	5	44.4	3	40.4	7	12.1	0	0.0	0	0.0	3	8.0	1	6.7
HOMICIDE	0	0.0	0	0.0	5	8.6	0	0.0	0	0.0	4	10.6	0	0.0
ALL OTHER CAUSES (RESIDUAL)	4	35.5	8	107.6	40	69.1	6	72.0	2	19.6	34	90.3	4	26.9

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	HANCOCK		HARDY		HARRISON		JACKSON		JEFFERSON		KANAWHA		LEWIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	9	17.6	0	0.0	17	14.5	7	21.0	4	8.0	33	10.3	2	7.2
TOTAL DEATHS, ALL CAUSES	374	9.3	99	9.9	872	11.2	223	8.6	265	8.7	2,329	10.1	221	11.7
DEATHS UNDER 1 YEAR	7	13.7	3	23.6	10	8.5	3	9.0	4	8.0	44	13.7	4	14.4
DEATHS UNDER 28 DAYS	2	3.9	2	15.7	6	5.1	2	6.0	2	4.0	33	10.3	2	7.2
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	2.2	0	0.0
SEPTICEMIA	2	4.9	0	0.0	2	2.6	1	3.9	1	3.3	12	5.2	0	0.0
MALIGNANT NEOPLASMS	80	197.9	15	149.6	198	254.8	52	201.6	57	188.1	491	212.2	39	207.3
--OF DIGESTIVE ORGANS AND PERITONEUM	15	37.1	3	29.9	58	74.6	17	65.9	7	23.1	94	40.6	16	85.0
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	24	59.4	4	39.9	51	65.6	14	54.3	24	79.2	158	68.3	7	37.2
--OF GENITOURINARY ORGANS	12	29.7	4	39.9	30	38.6	5	19.4	9	29.7	74	32.0	4	21.3
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	2.5	0	0.0	1	1.3	0	0.0	0	0.0	10	4.3	0	0.0
DIABETES MELLITUS	6	14.8	3	29.9	13	16.7	6	23.3	4	13.2	40	17.3	2	10.6
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	2	0.9	2	10.6
ANEMIAS	1	2.5	0	0.0	2	2.6	0	0.0	1	3.3	5	2.2	0	0.0
MAJOR CARDIOVASCULAR DISEASES	203	502.3	57	568.3	479	616.4	110	426.5	149	491.7	1,178	509.0	110	584.7
DISEASES OF THE HEART	159	393.4	47	468.6	383	492.9	87	337.3	121	399.3	945	408.4	87	462.4
HYPERTENSION	2	4.9	0	0.0	0	0.0	1	3.9	1	3.3	12	5.2	0	0.0
CEREBROVASCULAR DISEASES	36	89.1	7	69.8	78	100.4	19	73.7	20	66.0	169	73.0	20	106.3
ARTERIOSCLEROSIS	4	9.9	3	29.9	10	12.9	3	11.6	4	13.2	29	12.5	1	5.3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	4.9	0	0.0	8	10.3	0	0.0	3	9.9	23	9.9	2	10.6
PNEUMONIA AND INFLUENZA	3	7.4	0	0.0	13	16.7	7	27.1	6	19.8	60	25.9	12	63.8
PNEUMOMIA	3	7.4	0	0.0	13	16.7	5	19.4	6	19.8	59	25.5	10	53.2
INFLUENZA	0	0.0	0	0.0	0	0.0	2	7.8	0	0.0	1	0.4	2	10.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	13	32.2	7	69.8	28	36.0	10	38.8	8	26.4	75	32.4	9	47.8
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	12.4	4	39.9	6	7.7	4	15.5	2	6.6	21	9.1	5	26.6
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	2.5	0	0.0	3	3.9	1	3.9	0	0.0	12	5.2	0	0.0
COALWORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	4	1.7	0	0.0
ULCER OF STOMACH AND DUODENUM	1	2.5	1	10.0	0	0.0	0	0.0	0	0.0	9	3.9	2	10.6
HERNIA AND INTESTINAL OBSTRUCTION	1	2.5	1	10.0	6	7.7	1	3.9	0	0.0	2	0.9	2	10.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	7.4	1	10.0	9	11.6	1	3.9	3	9.9	48	20.7	3	15.9
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	3	3.9	0	0.0	1	3.3	2	0.9	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	3	7.4	0	0.0	8	10.3	1	3.9	1	3.3	28	12.1	0	0.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	1.7	0	0.0
CONGENITAL ANOMALIES	2	4.9	0	0.0	5	6.4	0	0.0	1	3.3	11	4.8	2	10.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	4.9	2	19.9	6	7.7	2	7.8	2	6.6	27	11.7	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	2.5	0	0.0	4	5.1	1	3.9	1	3.3	15	6.5	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.3	0	0.0
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	5	12.4	0	0.0	2	2.6	3	11.6	1	3.3	21	9.1	1	5.3
ACCIDENTS, ALL FORMS	18	44.5	5	49.9	36	46.3	9	34.9	13	42.9	105	45.4	13	69.1
MOTOR VEHICLE ACCIDENTS	9	22.3	4	39.9	18	23.2	5	19.4	7	23.1	56	24.2	6	31.9
HOME ACCIDENTS	5	12.4	1	10.0	8	10.3	2	7.8	2	6.6	26	11.2	6	31.9
WORK ACCIDENTS	2	4.9	0	0.0	3	3.9	1	3.9	0	0.0	8	3.5	1	5.3
SUICIDE	3	7.4	1	10.0	12	15.4	4	15.5	2	6.6	26	11.2	6	31.9
HOMICIDE	3	7.4	1	10.0	3	3.9	1	3.9	0	0.0	16	6.9	0	0.0
ALL OTHER CAUSES (RESIDUAL)	23	56.9	5	49.9	42	54.0	14	54.3	15	49.5	140	60.5	18	95.7

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	LINCOLN		LOGAN		MCDOWELL		MARION		MARSHALL		MASON		MERCER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	4	10.2	9	12.0	8	9.7	8	9.7	4	7.4	1	2.4	13	12.8
TOTAL DEATHS, ALL CAUSES	210	8.9	471	9.3	466	9.3	720	10.9	333	8.0	236	8.7	769	10.4
DEATHS UNDER 1 YEAR	3	7.6	7	9.3	13	15.7	8	9.7	6	11.1	2	4.9	13	12.8
DEATHS UNDER 28 DAYS	3	7.6	5	6.7	9	10.9	5	6.0	5	9.2	2	4.9	8	7.9
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	0	0.0	1	2.0	2	4.0	5	7.6	1	2.4	2	7.4	5	6.8
MALIGNANT NEOPLASMS	29	122.5	85	167.7	89	178.4	140	212.8	71	170.6	42	155.3	131	177.2
--OF DIGESTIVE ORGANS AND PERITONEUM	5	21.1	17	33.5	18	36.1	32	48.6	21	50.5	9	33.3	34	46.0
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	12	50.7	27	53.3	27	54.1	31	47.1	16	38.5	15	55.5	39	52.7
--OF GENITOURINARY ORGANS	3	12.7	10	19.7	16	32.1	18	27.4	10	24.0	10	37.0	14	18.9
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	2	3.9	0	0.0	1	1.5	1	2.4	0	0.0	2	2.7
DIABETES MELLITUS	5	21.1	13	25.7	10	20.0	17	25.8	11	26.4	3	11.1	21	28.4
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	2.0	1	1.5	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	3	5.9	0	0.0	3	4.6	1	2.4	0	0.0	4	5.4
MAJOR CARDIOVASCULAR DISEASES	112	473.1	228	449.9	211	422.9	400	608.0	189	454.2	121	447.4	405	547.7
DISEASES OF THE HEART	83	350.6	198	390.7	172	344.7	316	480.3	159	382.1	88	325.4	326	440.9
HYPERTENSION	1	4.2	2	3.9	1	2.0	1	1.5	0	0.0	0	0.0	1	1.4
CEREBROVASCULAR DISEASES	21	88.7	22	43.4	26	52.1	63	95.8	19	45.7	27	99.8	65	87.9
ARTERIOSCLEROSIS	6	25.3	6	11.8	2	4.0	11	16.7	6	14.4	3	11.1	7	9.5
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	4.2	0	0.0	10	20.0	9	13.7	5	12.0	3	11.1	6	8.1
PNEUMONIA AND INFLUENZA	9	38.0	11	21.7	8	16.0	20	30.4	7	16.8	6	22.2	17	23.0
PNEUMOMIA	9	38.0	11	21.7	8	16.0	18	27.4	5	12.0	6	22.2	16	21.6
INFLUENZA	0	0.0	0	0.0	0	0.0	2	3.0	2	4.8	0	0.0	1	1.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	12	50.7	25	49.3	28	56.1	21	31.9	8	19.2	13	48.1	33	44.6
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	21.1	3	5.9	5	10.0	8	12.2	3	7.2	3	11.1	4	5.4
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	3	12.7	5	9.9	11	22.0	2	3.0	1	2.4	1	3.7	5	6.8
COALWORKER'S PNEUMOCONIOSIS	1	4.2	0	0.0	5	10.0	1	1.5	0	0.0	0	0.0	1	1.4
ULCER OF STOMACH AND DUODENUM	0	0.0	1	2.0	0	0.0	4	6.1	0	0.0	1	3.7	3	4.1
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	2.0	4	8.0	3	4.6	0	0.0	1	3.7	3	4.1
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	12.7	7	13.8	5	10.0	8	12.2	3	7.2	4	14.8	15	20.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	2.0	2	4.0	2	3.0	1	2.4	1	3.7	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	8.4	8	15.8	3	6.0	2	3.0	3	7.2	2	7.4	6	8.1
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	0	0.0	1	2.0	4	8.0	4	6.1	1	2.4	4	14.8	4	5.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3	12.7	4	7.9	6	12.0	2	3.0	5	12.0	1	3.7	7	9.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	4.2	1	2.0	3	6.0	2	3.0	1	2.4	0	0.0	4	5.4
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	4.2	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	8.4	9	17.8	8	16.0	6	9.1	3	7.2	0	0.0	14	18.9
ACCIDENTS, ALL FORMS	8	33.8	30	59.2	31	62.1	25	38.0	7	16.8	16	59.2	29	39.2
MOTOR VEHICLE ACCIDENTS	3	12.7	11	21.7	12	24.0	10	15.2	2	4.8	7	25.9	15	20.3
HOME ACCIDENTS	2	8.4	8	15.8	5	10.0	7	10.6	3	7.2	3	11.1	6	8.1
WORK ACCIDENTS	3	12.7	3	5.9	4	8.0	2	3.0	1	2.4	1	3.7	5	6.8
SUICIDE	2	8.4	5	9.9	5	10.0	8	12.2	1	2.4	1	3.7	7	9.5
HOMICIDE	0	0.0	7	13.8	8	16.0	2	3.0	2	4.8	1	3.7	12	16.2
ALL OTHER CAUSES (RESIDUAL)	20	84.5	24	47.4	28	56.1	44	66.9	17	40.9	16	59.2	46	62.2

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	MINERAL		MINGO		MONONGALIA		MONROE		MORGAN		NICHOLAS		OHIO	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	6	15.6	7	9.7	10	9.7	2	11.4	2	15.3	6	14.4	11	14.9
TOTAL DEATHS, ALL CAUSES	250	9.2	361	9.7	537	7.2	135	10.5	83	7.7	247	8.8	738	12.0
DEATHS UNDER 1 YEAR	7	18.2	11	15.2	7	6.8	1	5.7	2	15.3	8	19.2	10	13.6
DEATHS UNDER 28 DAYS	6	15.6	4	5.5	6	5.8	1	5.7	1	7.6	5	12.0	9	12.2
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	1	7.8	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6	1	1.6
SEPTICEMIA	0	0.0	0	0.0	2	2.7	0	0.0	2	18.7	1	3.6	3	4.9
MALIGNANT NEOPLASMS	49	179.9	75	260.9	128	170.6	18	139.8	14	130.7	34	120.9	151	246.0
--OF DIGESTIVE ORGANS AND PERITONEUM	6	22.0	21	56.2	20	26.7	3	23.3	4	37.3	5	17.8	32	52.1
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	15	55.1	21	56.2	29	38.7	4	31.1	5	46.7	9	32.0	38	61.9
--OF GENITOURINARY ORGANS	9	33.0	11	29.5	16	21.3	2	15.5	1	9.3	3	10.7	22	35.8
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	1	2.7	2	2.7	2	15.5	0	0.0	2	7.1	3	4.9
DIABETES MELLITUS	5	18.4	3	8.0	10	13.3	1	7.8	2	18.7	5	17.8	5	8.1
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	1	3.6	0	0.0
ANEMIAS	0	0.0	2	5.4	0	0.0	0	0.0	0	0.0	1	3.6	0	0.0
MAJOR CARDIOVASCULAR DISEASES	134	492.0	170	455.3	268	357.2	72	559.3	40	373.4	115	408.9	427	695.6
DISEASES OF THE HEART	110	403.9	157	420.5	210	279.9	58	450.6	33	308.1	91	323.5	334	544.1
HYPERTENSION	0	0.0	0	0.0	4	5.3	1	7.8	0	0.0	1	3.6	3	4.9
CEREBROVASCULAR DISEASES	18	66.1	11	29.5	40	53.3	10	77.7	7	65.4	18	64.0	74	120.5
ARTERIOSCLEROSIS	2	7.3	1	2.7	8	10.7	1	7.8	0	0.0	2	7.1	9	14.7
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	4	14.7	1	2.7	6	8.0	2	15.5	0	0.0	3	10.7	7	11.4
PNEUMONIA AND INFLUENZA	7	25.7	6	16.1	18	24.0	2	15.5	3	28.0	9	32.0	18	29.3
PNEUMOMIA	7	25.7	6	16.1	18	24.0	2	15.5	2	18.7	8	28.4	14	22.8
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	1	9.3	1	3.6	4	6.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	10	36.7	17	45.5	22	29.3	10	77.7	1	9.3	12	42.7	17	27.7
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	3.7	5	13.4	6	8.0	5	38.8	0	0.0	6	21.3	6	9.8
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	7.3	4	10.7	4	5.3	1	7.8	0	0.0	6	21.3	1	1.6
COALWORKER'S PNEUMOCONIOSIS	0	0.0	1	2.7	1	1.3	1	7.8	0	0.0	4	14.2	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	1	7.8	0	0.0	1	3.6	1	1.6
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	2.7	3	4.0	0	0.0	0	0.0	0	0.0	3	4.9
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	3.7	4	10.7	4	5.3	7	54.4	0	0.0	2	7.1	4	6.5
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	3.7	1	2.7	0	0.0	1	7.8	1	9.3	1	3.6	2	3.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	3	11.0	2	5.4	3	4.0	1	7.8	1	9.3	3	10.7	4	6.5
INFECTIONS OF KIDNEY	1	3.7	0	0.0	2	2.7	0	0.0	0	0.0	2	7.1	1	1.6
CONGENITAL ANOMALIES	2	7.3	7	18.7	2	2.7	1	7.8	0	0.0	3	10.7	4	6.5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	5	18.4	2	5.4	4	5.3	0	0.0	1	9.3	3	10.7	6	9.8
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	3	11.0	1	2.7	2	2.7	0	0.0	1	9.3	2	7.1	3	4.9
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	1	3.7	2	5.4	4	5.3	0	0.0	2	18.7	4	14.2	0	0.0
ACCIDENTS, ALL FORMS	12	44.1	34	91.1	22	29.3	5	38.8	7	65.4	24	85.3	27	44.0
MOTOR VEHICLE ACCIDENTS	3	11.0	15	40.2	11	14.7	4	31.1	3	28.0	13	46.2	4	6.5
HOME ACCIDENTS	5	18.4	10	26.8	6	8.0	0	0.0	1	9.3	5	17.8	15	24.4
WORK ACCIDENTS	2	7.3	3	8.0	5	6.7	0	0.0	1	9.3	4	14.2	3	4.9
SUICIDE	3	11.0	3	8.0	11	14.7	7	54.4	0	0.0	4	14.2	6	9.8
HOMICIDE	1	3.7	1	2.7	2	2.7	0	0.0	0	0.0	0	0.0	7	11.4
ALL OTHER CAUSES (RESIDUAL)	13	47.7	26	69.6	25	33.3	5	38.8	9	84.0	13	46.2	47	76.6

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	PENDLETON		PLEASANTS		POCAHONTAS		PRESTON		PUTNAM		RALEIGH		RANDOLPH	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	1	9.8	0	0.0	1	8.6	5	10.0	8	13.6	20	16.5	5	11.6
TOTAL DEATHS, ALL CAUSES	71	9.0	73	8.9	108	10.9	260	8.5	298	7.8	838	9.7	279	9.7
DEATHS UNDER 1 YEAR	1	9.8	4	33.3	0	0.0	10	20.1	9	15.3	17	14.0	5	11.6
DEATHS UNDER 28 DAYS	1	9.8	2	16.7	0	0.0	9	18.1	7	11.9	11	9.1	3	7.0
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	1	1.2	0	0.0
SEPTICEMIA	0	0.0	1	12.1	1	10.1	1	3.3	0	0.0	1	1.2	1	3.5
MALIGNANT NEOPLASMS	7	88.5	11	133.6	26	262.1	51	167.4	67	175.5	149	171.6	58	201.9
--OF DIGESTIVE ORGANS AND PERITONEUM	4	50.6	1	12.1	7	70.6	9	29.5	14	36.7	43	49.5	13	45.2
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	0	0.0	1	12.1	7	70.6	19	62.4	19	49.8	51	58.7	12	41.8
--OF GENITOURINARY ORGANS	0	0.0	5	60.7	3	30.2	6	19.7	6	15.7	24	27.6	12	41.8
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	0	0.0	1	3.3	3	7.9	4	4.6	0	0.0
DIABETES MELLITUS	3	37.9	1	12.1	1	10.1	3	9.8	6	15.7	17	19.6	2	7.0
NUTRITIONAL DEFICIENCIES	2	25.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	2	2.3	0	0.0
MAJOR CARDIOVASCULAR DISEASES	36	455.1	35	425.0	54	544.4	139	456.3	131	343.1	431	496.4	143	497.7
DISEASES OF THE HEART	27	341.3	29	352.1	46	463.8	111	364.4	109	285.5	367	422.7	98	341.1
HYPERTENSION	0	0.0	0	0.0	0	0.0	1	3.3	3	7.9	4	4.6	1	3.5
CEREBROVASCULAR DISEASES	8	101.1	4	48.6	6	60.5	19	62.4	14	36.7	54	62.2	31	107.9
ARTERIOSCLEROSIS	1	12.6	2	24.3	2	20.2	5	16.4	2	5.2	2	2.3	8	27.8
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	0	0.0	0	0.0	3	9.8	3	7.9	4	4.6	5	17.4
PNEUMONIA AND INFLUENZA	2	25.3	4	48.6	3	30.2	5	16.4	9	23.6	29	33.4	6	20.9
PNEUMOMIA	2	25.3	3	36.4	3	30.2	5	16.4	8	21.0	27	31.1	6	20.9
INFLUENZA	0	0.0	1	12.1	0	0.0	0	0.0	1	2.6	2	2.3	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	2	25.3	4	48.6	2	20.2	14	46.0	23	60.2	42	48.4	19	66.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	12.6	0	0.0	0	0.0	3	9.8	7	18.3	11	12.7	7	24.4
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	1	12.1	1	10.1	0	0.0	1	2.6	18	20.7	1	3.5
COALWORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	11.5	0	0.0
ULCER OF STOMACH AND DUODENUM	1	12.6	0	0.0	2	20.2	0	0.0	2	5.2	5	5.8	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	2	5.2	2	2.3	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	0	0.0	1	10.1	0	0.0	3	7.9	5	5.8	4	13.9
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	12.6	0	0.0	0	0.0	0	0.0	0	0.0	2	2.3	2	7.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	3	36.4	1	10.1	3	9.8	4	10.5	7	8.1	1	3.5
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.5
CONGENITAL ANOMALIES	1	12.6	1	12.1	1	10.1	3	9.8	1	2.6	6	6.9	2	7.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	2	24.3	0	0.0	7	23.0	6	15.7	7	8.1	1	3.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	1	12.1	0	0.0	1	3.3	1	2.6	4	4.6	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	2	6.6	0	0.0	1	1.2	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	1	12.1	0	0.0	4	13.1	2	5.2	6	6.9	6	20.9
ACCIDENTS, ALL FORMS	6	75.9	5	60.7	3	30.2	8	26.3	16	41.9	39	44.9	8	27.8
MOTOR VEHICLE ACCIDENTS	2	25.3	1	12.1	1	10.1	5	16.4	5	13.1	19	21.9	3	10.4
HOME ACCIDENTS	3	37.9	0	0.0	0	0.0	0	0.0	4	10.5	10	11.5	1	3.5
WORK ACCIDENTS	0	0.0	2	24.3	1	10.1	3	9.8	1	2.6	5	5.8	2	7.0
SUICIDE	0	0.0	0	0.0	1	10.1	3	9.8	3	7.9	9	10.4	3	10.4
HOMICIDE	0	0.0	0	0.0	2	20.2	1	3.3	2	5.2	12	13.8	3	10.4
ALL OTHER CAUSES (RESIDUAL)	10	126.4	4	48.6	9	90.7	17	55.8	15	39.3	44	50.7	18	62.6

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	RITCHIE		ROANE		SUMMERS		TAYLOR		TUCKER		TYLER		UPSHUR	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	12.1	3	11.9	3	14.5	1	4.1	0	0.0	0	0.0	3	8.2
TOTAL DEATHS, ALL CAUSES	148	12.9	179	11.2	177	11.1	185	11.2	90	10.4	106	9.4	208	8.9
DEATHS UNDER 1 YEAR	1	6.1	2	7.9	5	24.2	6	24.5	2	18.3	1	6.3	3	8.2
DEATHS UNDER 28 DAYS	1	6.1	1	4.0	2	9.7	2	8.2	2	18.3	0	0.0	2	5.5
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	0	0.0	0	0.0	1	6.3	1	6.0	0	0.0	0	0.0	1	4.3
MALIGNANT NEOPLASMS	32	279.7	35	219.4	34	214.2	31	186.9	18	207.5	14	123.7	38	162.2
--OF DIGESTIVE ORGANS AND PERITONEUM	15	131.1	5	31.3	4	25.2	5	30.1	5	57.6	1	8.8	8	34.1
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	5	43.7	8	50.2	11	69.3	9	54.3	8	92.2	8	70.7	9	38.4
--OF GENITOURINARY ORGANS	3	26.2	8	50.2	8	50.4	6	36.2	1	11.5	1	8.8	4	17.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0	1	4.3
DIABETES MELLITUS	1	8.7	0	0.0	3	18.9	3	18.1	5	57.6	3	26.5	1	4.3
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	1	6.0	0	0.0	0	0.0	1	4.3
ANEMIAS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	8.8	0	0.0
MAJOR CARDIOVASCULAR DISEASES	79	690.4	109	683.3	99	623.6	96	578.9	49	564.8	61	538.9	122	520.8
DISEASES OF THE HEART	65	568.1	91	570.5	85	535.4	77	464.3	38	438.0	51	450.5	94	401.2
HYPERTENSION	0	0.0	0	0.0	2	12.6	0	0.0	0	0.0	1	8.8	2	8.5
CEREBROVASCULAR DISEASES	9	78.7	15	94.0	9	56.7	13	78.4	3	34.6	8	70.7	18	76.8
ARTERIOSCLEROSIS	4	35.0	1	6.3	0	0.0	5	30.1	6	69.2	1	8.8	8	34.1
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	8.7	2	12.5	3	18.9	1	6.0	2	23.1	0	0.0	0	0.0
PNEUMONIA AND INFLUENZA	3	26.2	6	37.6	3	18.9	11	66.3	2	23.1	5	44.2	4	17.1
PNEUMONIA	3	26.2	6	37.6	3	18.9	11	66.3	2	23.1	4	35.3	4	17.1
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	8.8	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	2	17.5	3	18.8	7	44.1	10	60.3	4	46.1	3	26.5	5	21.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	17.5	1	6.3	2	12.6	4	24.1	2	23.1	0	0.0	0	0.0
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	0	0.0	1	6.3	2	12.1	0	0.0	0	0.0	0	0.0
COALWORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	1	8.7	1	6.3	0	0.0	1	6.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	1	8.7	0	0.0	0	0.0	0	0.0	0	0.0	1	8.8	2	8.5
CHRONIC LIVER DISEASE AND CIRRHOSIS	2	17.5	4	25.1	3	18.9	3	18.1	0	0.0	2	17.7	0	0.0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	8.7	2	12.5	0	0.0	0	0.0	0	0.0	0	0.0	2	8.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	17.5	1	6.3	1	6.3	2	12.1	1	11.5	0	0.0	2	8.5
INFECTIONS OF KIDNEY	1	8.7	0	0.0	0	0.0	0	0.0	0	0.0	1	8.8	0	0.0
CONGENITAL ANOMALIES	1	8.7	0	0.0	4	25.2	1	6.0	0	0.0	1	8.8	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	1	6.3	0	0.0	1	6.0	2	23.1	0	0.0	2	8.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	0	0.0	0	0.0	1	11.5	0	0.0	1	4.3
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	1	11.5	0	0.0	0	0.0
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	2	17.5	2	12.5	2	12.6	2	12.1	0	0.0	0	0.0	2	8.5
ACCIDENTS, ALL FORMS	7	61.2	8	50.2	6	37.8	8	48.2	1	11.5	6	53.0	11	47.0
MOTOR VEHICLE ACCIDENTS	4	35.0	5	31.3	2	12.6	2	12.1	1	11.5	0	0.0	6	25.6
HOME ACCIDENTS	2	17.5	1	6.3	1	6.3	2	12.1	0	0.0	4	35.3	2	8.5
WORK ACCIDENTS	1	8.7	0	0.0	0	0.0	1	6.0	0	0.0	0	0.0	0	0.0
SUICIDE	4	35.0	2	12.5	0	0.0	1	6.0	1	11.5	1	8.8	3	12.8
HOMICIDE	0	0.0	1	6.3	1	6.3	2	12.1	0	0.0	0	0.0	1	4.3
ALL OTHER CAUSES (RESIDUAL)	9	78.7	4	25.1	11	69.3	9	54.3	7	80.7	7	61.8	10	42.7

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by County
Table 32 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	WAYNE		WEBSTER		WETZEL		WIRT		WOOD		WYOMING		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	3	4.7	1	5.4	1	2.8	0	0.0	19	13.7	3	6.1	293	10.5
TOTAL DEATHS, ALL CAUSES	420	9.1	110	9.0	202	9.2	40	8.1	861	9.2	273	7.6	19,039	9.8
DEATHS UNDER 1 YEAR	6	9.3	4	21.6	4	11.3	0	0.0	15	11.4	6	12.1	362	13.0
DEATHS UNDER 28 DAYS	4	6.2	1	5.4	4	11.3	0	0.0	11	8.4	4	8.1	245	8.8
INTESTINAL INFECTIOUS DISEASES	1	2.2	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	5	0.3
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	2	2.1	0	0.0	16	0.8
SEPTICEMIA	2	4.3	1	8.2	2	9.1	0	0.0	0	0.0	0	0.0	76	3.9
MALIGNANT NEOPLASMS	76	165.1	17	138.8	38	173.7	4	81.3	180	192.2	44	122.2	3,732	191.4
--OF DIGESTIVE ORGANS AND PERITONEUM	15	32.6	4	32.7	7	32.0	3	61.0	53	56.6	15	41.7	855	43.9
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	30	65.2	3	24.5	8	36.6	1	20.3	53	56.6	10	27.8	1,080	55.4
--OF GENITOURINARY ORGANS	13	28.2	5	40.8	7	32.0	0	0.0	22	23.5	10	27.8	546	28.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	1	4.6	0	0.0	4	4.3	1	2.8	59	3.0
DIABETES MELLITUS	4	8.7	3	24.5	4	18.3	1	20.3	22	23.5	5	13.9	354	18.2
NUTRITIONAL DEFICIENCIES	1	2.2	1	8.2	0	0.0	0	0.0	2	2.1	0	0.0	23	1.2
ANEMIAS	1	2.2	0	0.0	1	4.6	0	0.0	2	2.1	1	2.8	39	2.0
MAJOR CARDIOVASCULAR DISEASES	224	486.7	53	432.8	115	525.7	24	487.6	432	461.3	136	377.9	9,904	508.0
DISEASES OF THE HEART	184	399.8	44	359.3	93	425.2	20	406.3	347	370.5	120	333.4	7,966	408.6
HYPERTENSION	1	2.2	0	0.0	0	0.0	0	0.0	2	2.1	0	0.0	59	3.0
CEREBROVASCULAR DISEASES	27	58.7	8	65.3	17	77.7	4	81.3	58	61.9	15	41.7	1,464	75.1
ARTERIOSCLEROSIS	7	15.2	1	8.2	2	9.1	0	0.0	12	12.8	0	0.0	241	12.4
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	5	10.9	0	0.0	3	13.7	0	0.0	13	13.9	1	2.8	174	8.9
PNEUMONIA AND INFLUENZA	8	17.4	3	24.5	2	9.1	3	61.0	16	17.1	9	25.0	442	22.7
PNEUMONIA	7	15.2	3	24.5	2	9.1	3	61.0	16	17.1	9	25.0	436	22.4
INFLUENZA	1	2.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	26	1.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	16	34.8	7	57.2	4	18.3	1	20.3	27	28.8	14	38.9	746	38.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	10.9	2	16.3	1	4.6	0	0.0	7	7.5	8	22.2	213	10.9
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	2.2	0	0.0	0	0.0	0	0.0	0	0.0	6	16.7	125	6.4
COALWORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	13.9	50	2.6
ULCER OF STOMACH AND DUODENUM	3	6.5	1	8.2	0	0.0	0	0.0	3	3.2	1	2.8	55	2.8
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	1	4.6	0	0.0	2	2.1	0	0.0	50	2.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	5	10.9	2	16.3	2	9.1	0	0.0	9	9.6	9	25.0	240	12.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	2.2	0	0.0	0	0.0	0	0.0	3	3.2	0	0.0	45	2.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	5	10.9	2	16.3	0	0.0	0	0.0	5	5.3	3	8.3	158	8.1
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	22	1.1
CONGENITAL ANOMALIES	2	4.3	2	16.3	3	13.7	0	0.0	4	4.3	5	13.9	129	6.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3	6.5	1	8.2	2	9.1	0	0.0	8	8.5	1	2.8	175	9.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	2	4.3	0	0.0	0	0.0	0	0.0	5	5.3	1	2.8	64	3.3
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	1	4.6	0	0.0	1	1.1	0	0.0	28	1.4
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	4.3	1	8.2	1	4.6	0	0.0	19	20.3	3	8.3	170	8.7
ACCIDENTS, ALL FORMS	28	60.8	11	89.8	6	27.4	2	40.6	48	51.3	18	50.0	951	48.8
MOTOR VEHICLE ACCIDENTS	12	26.1	6	49.0	4	18.3	1	20.3	24	25.6	11	30.6	439	22.5
HOME ACCIDENTS	7	15.2	1	8.2	0	0.0	0	0.0	11	11.7	3	8.3	236	12.1
WORK ACCIDENTS	2	4.3	2	16.3	0	0.0	0	0.0	3	3.2	2	5.6	91	4.7
SUICIDE	4	8.7	3	24.5	5	22.9	0	0.0	17	18.2	6	16.7	233	12.0
HOMICIDE	5	10.9	0	0.0	1	4.6	0	0.0	0	0.0	2	5.6	131	6.7
ALL OTHER CAUSES (RESIDUAL)	28	60.8	2	16.3	14	64.0	5	101.6	55	58.7	9	25.0	1,139	58.4

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by City
Table 33

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES															
	BECKLEY		BLUEFIELD		CHARLESTON		CLARKSBURG		FAIRMONT		HUNTINGTON		MARTINSBURG		MORGANTOWN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	8	24.0	4	18.3	12	14.0	8	21.9	5	15.9	9	9.2	1	3.3	3	7.3
TOTAL DEATHS, ALL CAUSES	339	16.5	238	14.8	888	13.9	352	15.7	337	14.1	891	14.0	203	15.5	149	5.4
DEATHS UNDER 1 YEAR	5	15.0	3	13.7	13	15.1	6	16.4	4	12.7	9	9.2	5	16.6	2	4.9
DEATHS UNDER 28 DAYS	2	6.0	2	9.1	11	12.8	4	10.9	3	9.6	5	5.1	3	10.0	2	4.9
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	2	3.1	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0
SEPTICEMIA	0	0.0	1	6.2	3	4.7	0	0.0	2	8.4	5	7.9	2	15.3	1	3.6
MALIGNANT NEOPLASMS	66	322.1	38	236.6	174	272.0	73	326.3	66	276.6	195	306.2	42	321.5	29	105.1
--OF DIGESTIVE ORGANS AND PERITONEUM	21	102.5	10	62.3	39	61.0	22	98.3	16	67.0	51	80.1	7	53.6	6	21.7
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	19	92.7	10	62.3	46	71.9	21	93.9	21	88.0	55	86.4	14	107.2	8	29.0
--OF GENITOURINARY ORGANS	11	53.7	4	24.9	26	40.6	11	49.2	7	29.3	29	45.5	5	38.3	5	18.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	4.9	2	12.5	6	9.4	1	4.5	1	4.2	1	1.6	2	15.3	1	3.6
DIABETES MELLITUS	5	24.4	7	43.6	14	21.9	3	13.4	9	37.7	14	22.0	8	61.2	7	25.4
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0
ANEMIAS	1	4.9	0	0.0	2	3.1	2	8.9	2	8.4	2	3.1	0	0.0	1	3.6
MAJOR CARDIOVASCULAR DISEASES	174	849.1	121	753.4	462	722.2	198	885.1	189	792.0	490	769.4	92	704.3	86	311.5
DISEASES OF THE HEART	143	697.8	94	585.3	362	565.9	156	697.3	150	628.6	386	606.1	66	505.2	75	271.7
HYPERTENSION	0	0.0	1	6.2	4	6.3	0	0.0	1	4.2	1	1.6	0	0.0	0	0.0
CEREBROVASCULAR DISEASES	29	141.5	22	137.0	73	114.1	32	143.0	29	121.5	79	124.0	17	130.1	7	25.4
ARTERIOSCLEROSIS	1	4.9	1	6.2	13	20.3	6	26.8	5	21.0	12	18.8	7	53.6	3	10.9
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	4.9	3	18.7	10	15.6	4	17.9	4	16.8	12	18.8	2	15.3	1	3.6
PNEUMONIA AND INFLUENZA	15	73.2	7	43.6	22	34.4	5	22.4	11	46.1	12	18.8	5	38.3	1	3.6
PNEUMOMIA	14	68.3	7	43.6	22	34.4	5	22.4	10	41.9	12	18.8	5	38.3	1	3.6
INFLUENZA	1	4.9	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	17	83.0	11	68.5	27	42.2	15	67.1	11	46.1	24	37.7	8	61.2	4	14.5
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	24.4	3	18.7	9	14.1	5	22.4	3	12.6	7	11.0	3	23.0	2	7.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	7	34.2	2	12.5	4	6.3	0	0.0	0	0.0	5	7.9	0	0.0	1	3.6
COALWORKER'S PNEUMOCONIOSIS	3	14.6	0	0.0	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	2	9.8	3	18.7	7	10.9	0	0.0	2	8.4	3	4.7	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	2	12.5	0	0.0	5	22.4	1	4.2	1	1.6	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	3	18.7	25	39.1	6	26.8	3	12.6	11	17.3	6	45.9	2	7.2
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	0	0.0	1	7.7	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	4	19.5	3	18.7	14	21.9	5	22.4	1	4.2	5	7.9	1	7.7	1	3.6
INFECTIONS OF KIDNEY	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0
CONGENITAL ANOMALIES	3	14.6	1	6.2	3	4.7	3	13.4	2	8.4	2	3.1	1	7.7	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	4.9	1	6.2	9	14.1	4	17.9	1	4.2	3	4.7	3	23.0	2	7.2
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	1	6.2	4	6.3	3	13.4	1	4.2	2	3.1	2	15.3	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	4.9	0	0.0	2	3.1	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	3	14.6	7	43.6	8	12.5	0	0.0	3	12.6	6	9.4	1	7.7	2	7.2
ACCIDENTS, ALL FORMS	12	58.6	7	43.6	34	53.2	12	53.6	16	67.0	32	50.2	7	53.6	3	10.9
MOTOR VEHICLE ACCIDENTS	4	19.5	6	37.4	17	26.6	5	22.4	6	25.1	9	14.1	2	15.3	2	7.2
HOME ACCIDENTS	6	29.3	0	0.0	11	17.2	4	17.9	4	16.8	10	15.7	5	38.3	1	3.6
WORK ACCIDENTS	1	4.9	1	6.2	2	3.1	0	0.0	1	4.2	0	0.0	0	0.0	0	0.0
SUICIDE	4	19.5	1	6.2	5	7.8	3	13.4	1	4.2	10	15.7	2	15.3	1	3.6
HOMICIDE	5	24.4	2	12.5	7	10.9	1	4.5	1	4.2	8	12.6	3	23.0	0	0.0
ALL OTHER CAUSES (RESIDUAL)	19	92.7	19	118.3	57	89.1	16	71.5	15	62.9	59	92.6	19	145.4	7	25.4

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes: Number and Rate by City
Table 33 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES													
	MOUNDSVILLE		PARKERSBURG		SAINT ALBANS		SO CHARLESTON		VIENNA		WEIRTON		WHEELING	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	11.2	9	15.0	2	8.7	3	14.7	1	6.1	5	16.9	9	16.1
TOTAL DEATHS, ALL CAUSES	267	21.5	543	13.6	178	14.4	161	10.1	92	7.9	243	9.8	620	14.4
DEATHS UNDER 1 YEAR	3	16.9	11	18.3	3	13.0	2	9.8	0	0.0	5	16.9	10	17.9
DEATHS UNDER 28 DAYS	3	16.9	8	13.3	2	8.7	1	4.9	0	0.0	3	10.1	9	16.1
INTESTINAL INFECTIOUS DISEASES	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3
SEPTICEMIA	2	16.1	0	0.0	0	0.0	2	12.5	0	0.0	2	8.1	2	4.6
MALIGNANT NEOPLASMS	59	475.1	100	250.2	35	282.2	42	263.0	28	241.0	53	214.3	129	299.5
--OF DIGESTIVE ORGANS AND PERITONEUM	9	72.5	28	70.1	7	56.4	9	56.4	8	68.9	13	52.6	26	60.4
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	14	112.7	30	75.1	9	72.6	12	75.2	11	94.7	12	48.5	34	78.9
--OF GENITOURINARY ORGANS	6	48.3	12	30.0	9	72.6	9	56.4	4	34.4	7	28.3	20	46.4
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	1	2.5	0	0.0	0	0.0	1	8.6	0	0.0	2	4.6
DIABETES MELLITUS	5	40.3	15	37.5	3	24.2	4	25.1	2	17.2	6	24.3	4	9.3
NUTRITIONAL DEFICIENCIES	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	1	2.5	1	8.1	0	0.0	1	8.6	2	8.1	0	0.0
MAJOR CARDIOVASCULAR DISEASES	136	095.1	280	700.6	96	774.1	81	507.3	42	361.5	130	525.5	360	835.8
DISEASES OF THE HEART	111	893.8	235	588.0	73	588.6	63	394.5	34	292.6	103	416.4	283	657.1
HYPERTENSION	2	16.1	2	5.0	0	0.0	0	0.0	0	0.0	1	4.0	3	7.0
CEREBROVASCULAR DISEASES	17	136.9	33	82.6	20	161.3	14	87.7	6	51.6	22	88.9	60	139.3
ARTERIOSCLEROSIS	3	24.2	7	17.5	1	8.1	2	12.5	1	8.6	2	8.1	8	18.6
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	24.2	3	7.5	2	16.1	2	12.5	1	8.6	2	8.1	6	13.9
PNEUMONIA AND INFLUENZA	11	88.6	11	27.5	10	80.6	8	50.1	0	0.0	3	12.1	14	32.5
PNEUMOMIA	11	88.6	11	27.5	9	72.6	8	50.1	0	0.0	3	12.1	11	25.5
INFLUENZA	0	0.0	0	0.0	1	8.1	0	0.0	0	0.0	0	0.0	3	7.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	10	80.5	18	45.0	5	40.3	4	25.1	4	34.4	5	20.2	16	37.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA	3	24.2	6	15.0	2	16.1	2	12.5	0	0.0	2	8.1	5	11.6
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	3	24.2	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0
COALWORKER'S PNEUMOCONIOSIS	1	8.1	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	3	7.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	2	16.1	2	5.0	0	0.0	0	0.0	0	0.0	1	4.0	1	2.3
CHRONIC LIVER DISEASE AND CIRRHOSIS	2	16.1	8	20.0	4	32.3	3	18.8	0	0.0	3	12.1	4	9.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	2	5.0	0	0.0	0	0.0	1	8.6	0	0.0	2	4.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	16.1	2	5.0	0	0.0	2	12.5	0	0.0	2	8.1	2	4.6
INFECTIONS OF KIDNEY	2	16.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3
CONGENITAL ANOMALIES	0	0.0	2	5.0	1	8.1	1	6.3	0	0.0	1	4.0	3	7.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3	24.2	6	15.0	1	8.1	1	6.3	0	0.0	3	12.1	6	13.9
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	4	10.0	1	8.1	1	6.3	0	0.0	1	4.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	8.1	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	3	7.0
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	2	16.1	15	37.5	4	32.3	0	0.0	2	17.2	2	8.1	0	0.0
ACCIDENTS, ALL FORMS	12	96.6	29	72.6	6	48.4	2	12.5	5	43.0	7	28.3	21	48.8
MOTOR VEHICLE ACCIDENTS	6	48.3	15	37.5	2	16.1	1	6.3	4	34.4	3	12.1	3	7.0
HOME ACCIDENTS	4	32.2	7	17.5	3	24.2	1	6.3	0	0.0	2	8.1	12	27.9
WORK ACCIDENTS	1	8.1	1	2.5	0	0.0	0	0.0	0	0.0	2	8.1	2	4.6
SUICIDE	5	40.3	10	25.0	2	16.1	2	12.5	1	8.6	0	0.0	6	13.9
HOMICIDE	1	8.1	0	0.0	0	0.0	0	0.0	0	0.0	2	8.1	6	13.9
ALL OTHER CAUSES (RESIDUAL)	10	80.5	34	85.1	10	80.6	8	50.1	5	43.0	21	84.9	40	92.9

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes by Age Groups
Table 34

SELECTED CAUSES OF DEATH	TOTAL	AGE IN YEARS													AVERAGE AGE AT DEATH *
		LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	UNKNOWN	
TOTAL DEATHS, ALL CAUSES	19,039	362	77	54	49	329	405	506	1,191	3,010	4,791	4,988	3,276	1	68.5
DEATHS UNDER 1 YEAR	362	362	0	0	0	0	0	0	0	0	0	0	0	0	0.1
DEATHS UNDER 28 DAYS	245	245	0	0	0	0	0	0	0	0	0	0	0	0	0.0
INTESTINAL INFECTIOUS DISEASES	5	1	0	0	0	0	0	0	0	0	2	1	1	0	62.5
TUBERCULOSIS	16	0	0	0	0	0	0	0	1	1	[illegible]	6	3	0	75.3
SEPTICEMIA	76	1	0	0	0	0	0	1	8	10	17	23	16	0	71.9
MALIGNANT NEOPLASMS	3,732	0	4	3	2	15	46	98	339	904	1,188	844	289	0	67.5
--OF DIGESTIVE ORGANS AND PERITONEUM	856	0	0	0	0	2	7	17	68	160	261	237	104	0	70.3
--OF RESPIRATORY SYSTEM AND INTROTHRATIC ORGANS	1,080	0	0	0	0	0	3	14	114	319	400	189	41	0	66.4
--OF GENITOURINARY ORGANS	546	0	0	0	0	2	6	16	23	109	176	160	54	0	70.2
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	59	2	2	0	0	1	3	0	6	8	18	18	1	0	62.1
DIABETES MELLITUS	354	0	0	0	0	2	9	10	17	69	99	96	52	0	69.9
NUTRITIONAL DEFICIENCIES	23	0	0	0	0	0	0	1	0	2	3	9	8	0	78.2
ANEMIAS	39	0	1	2	0	0	0	0	1	2	8	14	11	0	72.6
MAJOR CARDIOVASCULAR DISEASES	9,904	11	6	3	2	13	35	141	465	1,415	2,485	3,030	2,298	0	74.3
DISEASES OF THE HEART	7,966	8	6	3	0	10	29	120	400	1,243	2,041	2,367	1,739	0	73.8
HYPERTENSION	59	1	0	0	0	0	0	1	2	8	15	18	14	0	73.8
CEREBROVASCULAR DISEASES	1,464	1	0	0	2	3	6	16	53	125	336	507	415	0	76.5
ARTERIOSCLEROSIS	241	0	0	0	0	0	0	2	3	11	34	83	108	0	81.7
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	174	1	0	0	0	0	0	2	7	28	59	55	22	0	72.3
PNEUMONIA AND INFLUENZA	462	3	2	2	2	1	4	6	12	28	86	155	160	1	77.2
PNEUMOMIA	436	3	2	2	2	1	4	6	12	28	80	145	150	1	76.9
INFLUENZA	26	0	0	0	0	0	0	0	0	0	6	10	10	0	81.9
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	746	0	1	0	0	0	2	6	28	131	309	197	72	0	71.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA	213	0	1	0	0	0	1	3	8	48	88	49	15	0	69.5
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	125	1	.0	0	0	0	1	0	1	21	45	40	16	0	72.5
COALWORKER'S PNEUMOCONIOSIS	50	0	0	0	0	0	0	0	0	9	16	20	5	0	73.4
ULCER OF STOMACH AND DUODENUM	55	0	0	0	0	0	0	2	3	8	20	13	9	0	72.1
HERNIA AND INTESTINAL OBSTRUCTION	50	1	0	0	1	0	1	0	4	5	10	20	8	0	70.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	240	0	0	0	0	0	2	31	55	71	59	19	3	0	58.7
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	45	0	0	0	0	1	0	2	4	1	12	10	15	0	74.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	158	0	0	1	0	1	2	2	5	19	39	58	31	0	73.8
INFECTIONS OF KIDNEY	22	0	0	0	0	0	0	0	0	2	3	9	8	0	81.2
CONGENITAL ANOMALIES	129	81	13	9	1	2	6	2	3	4	5	3	0	0	10.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	175	175	0	0	0	0	0	0	0	0	0	0	0	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	170	56	1	1	0	1	1	2	6	13	33	32	24	0	48.4
ACCIDENTS, ALL FORMS	951	10	23	22	33	204	178	82	96	81	84	84	54	0	41.9
MOTOR VEHICLE ACCIDENTS	439	3	5	9	12	138	105	40	40	35	31	15	6	0	35.2
HOME ACCIDENTS	236	5	15	9	12	17	23	7	22	19	29	50	28	0	52.1
WORK ACCIDENTS	91	0	0	0	0	11	31	19	18	8	3	0	1	0	38.6
SUICIDE	233	0	0	0	2	33	46	37	38	41	19	17	0	0	44.9
HOMICIDE	131	1	5	1	1	29	34	24	21	8	4	2	1	0	34.7
ALL OTHER CAUSES (RESIDUAL)	1,139	19	19	10	5	26	35	59	78	166	238	288	196	0	65.8

* DEATHS IN THE UNKNOWN COLUMN HAVE NOT BEEN USED IN COMPUTING THE AVERAGE AGES AT DEATH.

WEST VIRGINIA RESIDENT DEATHS 1981
Selected Causes by Month of Occurrence
Table 35

SELECTED CAUSES OF DEATH	TOTAL	NUMBER OF DEATHS PER MONTH											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
FETAL DEATHS	293	21	21	24	25	33	24	28	24	24	31	17	21
TOTAL DEATHS, ALL CAUSES	19,039	1,924	1,599	1,696	1,670	1,554	1,467	1,455	1,492	1,419	1,573	1,537	1,653
DEATHS UNDER 1 YEAR	362	33	19	31	31	30	33	29	23	34	37	31	31
DEATHS UNDER 28 DAYS	245	21	12	21	16	21	26	24	20	26	24	16	18
INTESTINAL INFECTIOUS DISEASES	5	0	0	0	1	1	0	0	0	0	1	0	2
TUBERCULOSIS	16	5	2	1	0	1	3	0	0	1	1	1	1
SEPTICEMIA	76	9	5	7	7	5	5	7	11	5	4	8	3
MALIGNANT NEOPLASMS	3,732	325	272	355	320	298	293	302	318	291	305	324	329
--OF DIGESTIVE ORGANS AND PERITONEUM	856	61	76	86	82	58	61	74	77	67	68	79	67
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,080	96	73	95	85	86	80	90	107	82	101	90	95
--OF GENITOURINARY ORGANS	546	55	36	57	43	47	49	40	42	43	42	42	50
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	59	7	4	4	12	3	3	5	5	9	2	3	2
DIABETES MELLITUS	354	41	31	37	30	31	29	30	22	22	24	23	34
NUTRITIONAL DEFICIENCIES	23	2	2	1	4	1	1	2	2	1	2	1	4
ANEMIAS	39	3	4	2	1	2	3	7	3	3	7	3	1
MAJOR CARDIOVASCULAR DISEASES	9,904	974	860	877	865	843	789	734	742	721	813	810	876
DISEASES OF THE HEART	7,966	779	674	730	704	658	649	586	608	564	651	652	711
HYPERTENSION	59	8	7	3	6	7	7	3	0	4	4	4	6
CEREBROVASCULAR DISEASES	1,464	153	141	108	114	136	102	111	106	110	129	126	128
ARTERIOSCLEROSIS	241	18	22	25	26	31	16	19	14	20	17	15	18
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	174	16	16	11	15	11	15	15	14	23	12	13	13
PNEUMONIA AND INFLUENZA	462	114	45	42	38	31	24	19	19	23	33	36	38
PNEUMOMIA	436	91	43	41	38	31	24	19	19	23	33	36	38
INFLUENZA	26	23	2	1	0	0	0	0	0	0	0	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	746	85	74	78	73	55	61	52	60	45	59	47	57
BRONCHITIS, EMPHYSEMA, AND ASTHMA	213	25	22	24	24	17	18	16	14	16	13	12	12
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	125	13	15	10	11	9	13	7	10	6	11	13	7
COALWORKER'S PNEUMOCONIOSIS	50	7	6	2	4	2	6	4	6	1	3	6	3
ULCER OF STOMACH AND DUODENUM	55	3	3	7	6	6	4	5	4	5	6	3	3
HERNIA AND INTESTINAL OBSTRUCTION	50	5	5	3	1	4	3	3	6	6	5	1	8
CHRONIC LIVER DISEASE AND CIRRHOSIS	240	32	26	27	21	23	11	21	15	13	25	10	16
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	45	3	3	5	6	2	7	5	2	0	5	5	2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	158	15	16	16	7	12	7	14	16	14	20	13	8
INFECTIONS OF KIDNEY	22	2	2	1	4	2	1	3	0	2	1	3	1
CONGENITAL ANOMALIES	129	17	12	6	11	11	5	13	5	18	11	12	8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	175	14	8	16	11	17	19	14	14	17	19	12	14
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	64	6	3	4	2	6	9	7	6	5	5	5	6
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	28	3	4	1	4	2	3	0	2	2	1	4	2
SYMPTOMS, SIGNS,AND ILL-DEFINED CONDITIONS	170	13	17	19	15	13	15	10	8	12	22	9	17
ACCIDENTS, ALL FORMS	951	86	74	71	91	60	69	99	88	81	66	78	88
MOTOR VEHICLE ACCIDENTS	439	27	30	35	42	32	36	49	48	40	37	27	36
HOME ACCIDENTS	236	32	26	22	23	13	13	13	12	15	11	28	28
WORK ACCIDENTS	91	6	8	7	8	3	4	7	12	10	8	7	11
SUICIDE	233	18	14	9	24	21	14	16	23	22	22	24	26
HOMICIDE	131	6	13	8	16	14	9	7	15	10	12	10	11
ALL OTHER CAUSES (RESIDUAL)	1,139	132	92	94	95	89	79	80	104	92	97	88	97

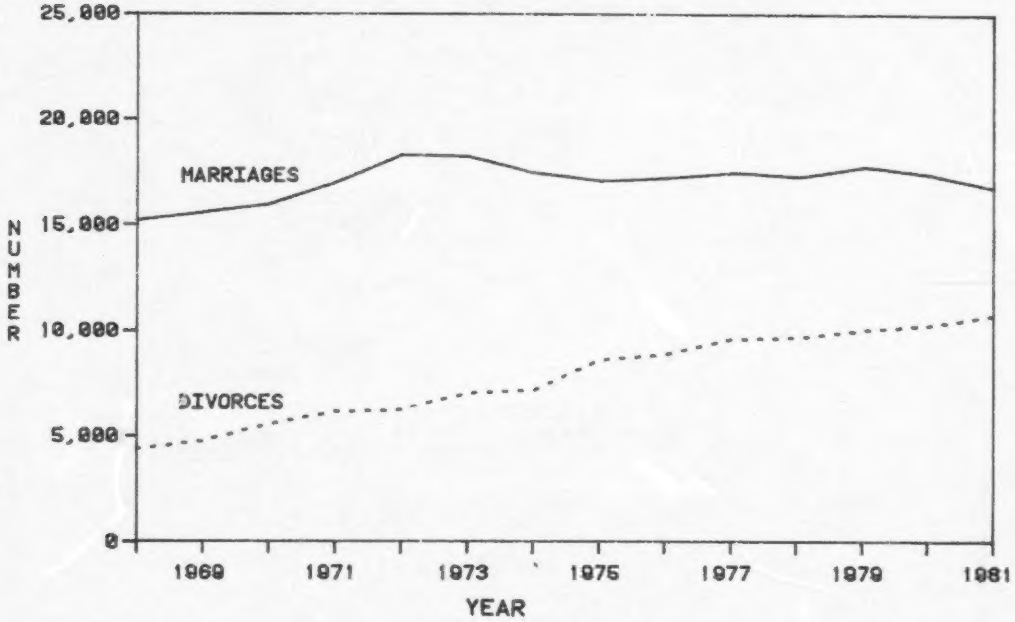
WEST VIRGINIA RESIDENT DEATHS 1981
Autopsies by Regions and Counties
Table 36

COUNTY	NUMBER OF DEATHS	NUMBER OF AUTOPSIES
REGION 1:	2,658	362
MCDOWELL	466	67
MERCER	769	97
MONROE	135	11
RALEIGH	838	128
SUMMERS	177	19
WYOMING	273	40
REGION 2:	2,864	279
CABELL	1,166	115
LINCOLN	210	17
LOGAN	471	48
MASON	236	16
MINGO	361	41
WAYNE	420	42
REGION 3:	3,022	429
BOONE	276	41
CLAY	119	17
KANAWHA	2,329	341
PUTNAM	298	30
REGION 4:	1,501	189
FAYETTE	629	84
GREENBRIER	407	40
NICHOLAS	247	40
POCAHONTAS	108	13
WEBSTER	110	12
REGION 5:	1,729	126
CALHOUN	99	11
JACKSON	223	15
PLEASANTS	73	8
RITCHIE	148	9
ROANE	179	11
TYLER	106	2
WIRT	40	1
WOOD	861	69
REGION 6:	2,664	270
DODDRIDGE	90	7
HARRISON	872	80
MARION	720	80
MONONGALIA	537	65
PRESTON	260	24
TAYLOR	185	14
REGION 7:	1,223	124
BARBOUR	173	20
BRAXTON	176	14
GILMER	76	8
LEWIS	221	25
RANDOLPH	279	37
TUCKER	90	7
UPSHUR	208	13
REGION 8:	654	55
GRANT	92	10
HAMPSHIRE	142	9
HARDY	99	11
MINERAL	250	22
PENDLETON	71	3
REGION 9:	753	101
BERKELEY	405	62
JEFFERSON	265	32
MORGAN	83	7
REGION 10:	1,273	128
MARSHALL	333	21
OHIO	738	88
WETZEL	202	19
REGION 11:	698	57
BROOKE	324	34
HANCOCK	374	23
TOTAL	19,039	2,120

MARRIAGES
AND
DIVORCES

WEST VIRGINIA RESIDENT MARRIAGES AND DIVORCES 1968-1981

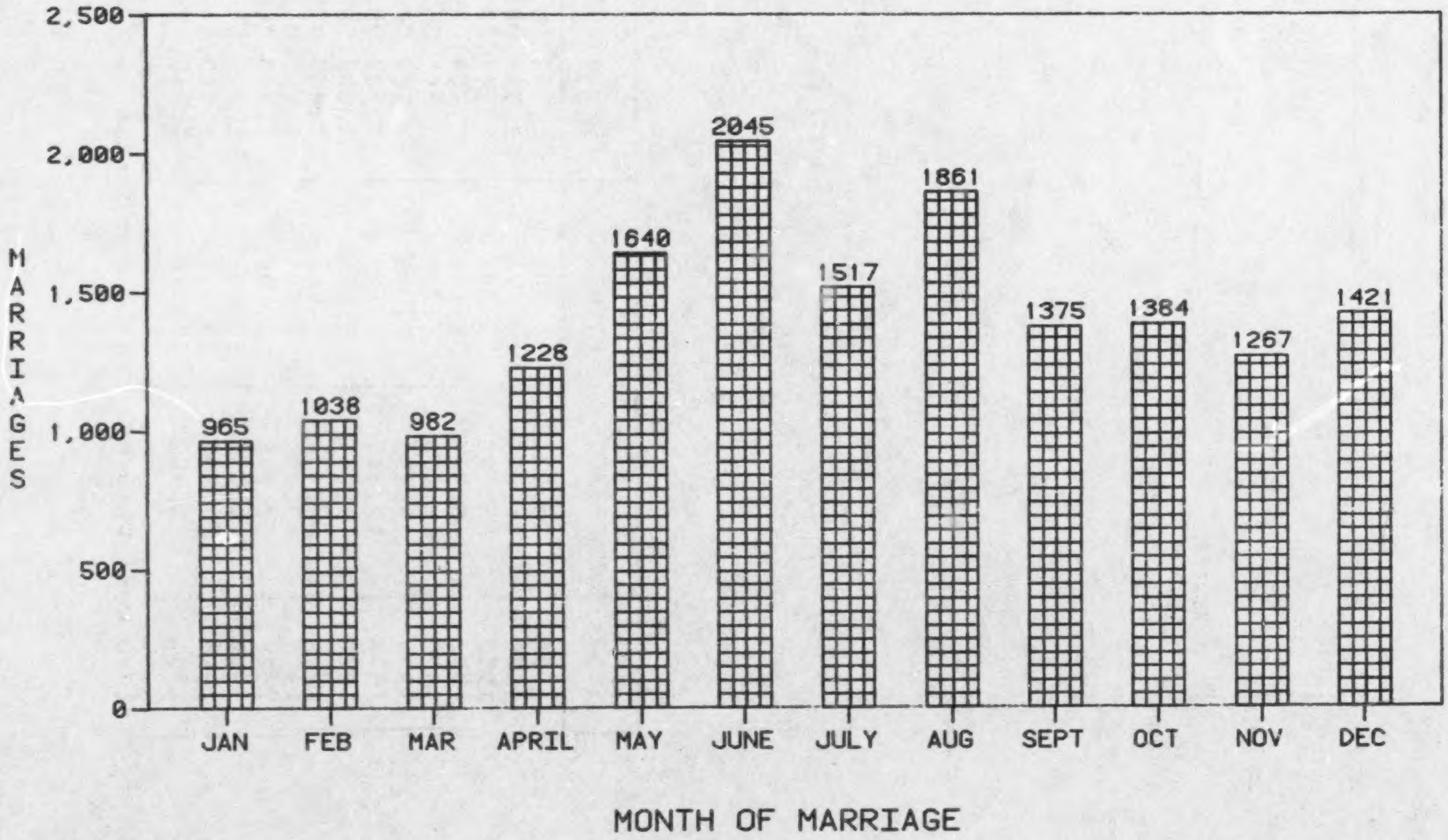
Exhibit 18



YEAR	MARRIAGES	DIVORCES	POPULATION
1968	15,221	4,382	1,763,000
1969	15,604	4,772	1,746,000
1970	15,948	5,584	1,744,237
1971	16,987	6,178	1,768,000
1972	18,270	6,270	1,795,000
1973	18,199	7,056	1,782,000
1974	17,409	7,176	1,784,000
1975	17,041	8,632	1,803,000
1976	17,229	8,893	1,833,000
1977	17,484	9,605	1,853,000
1978	17,275	9,698	1,860,000
1979	17,738	10,046	1,878,000
1980	17,391	10,273	1,949,644*
1981	16,721	10,748	1,949,644*

*1980 West Virginia Census Population

WEST VIRGINIA RESIDENT MARRIAGES 1981
Month of Occurrence
Exhibit 19



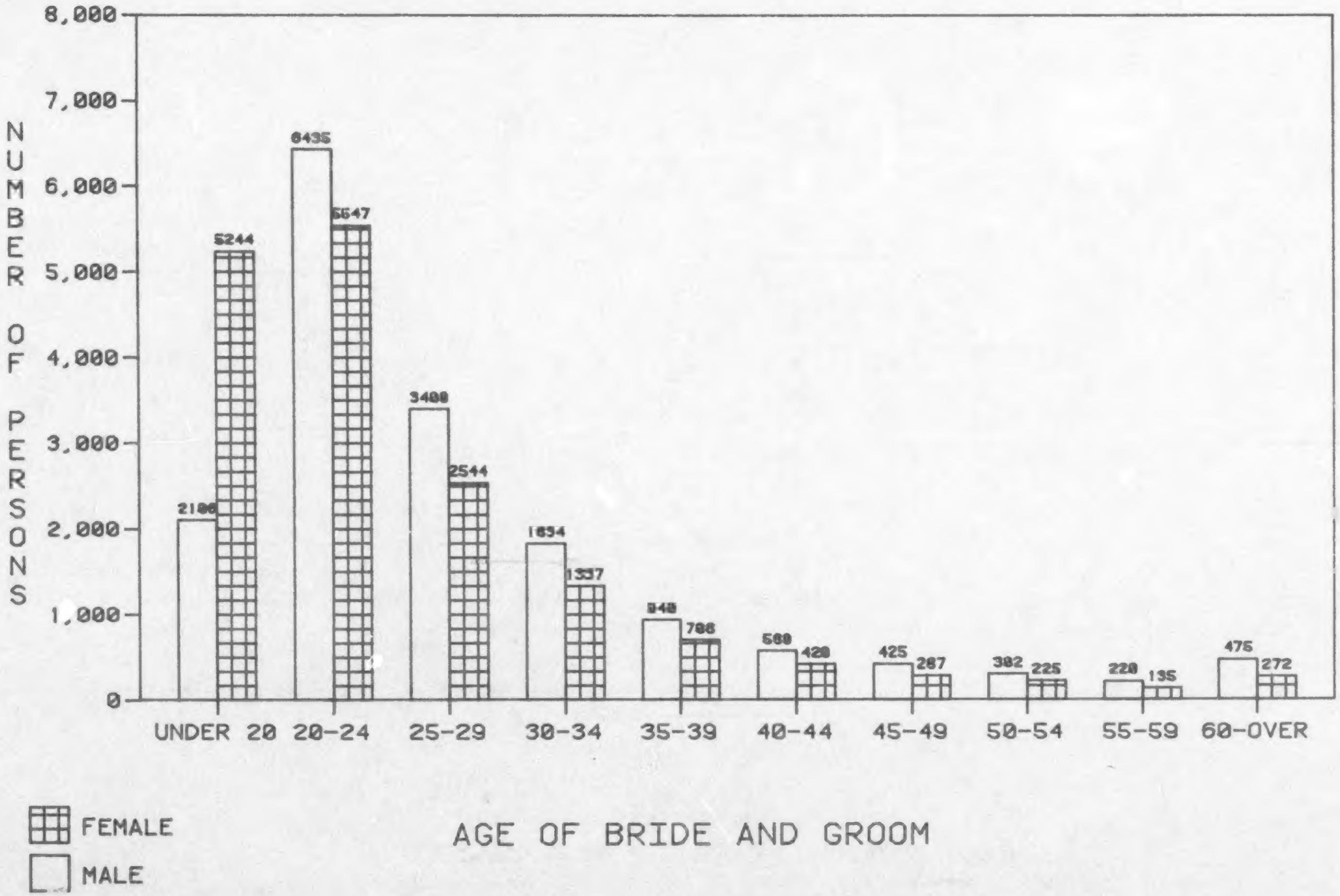
WEST VIRGINIA RESIDENT MARRIAGES 1981
Month of Occurrence by Region and County
Table 37

COUNTY	MONTH OF MARRIAGE												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
REGION 1:	85	96	104	125	163	233	146	219	148	162	141	189	1,811
MCDOWELL	10	12	13	23	17	30	19	28	21	23	22	21	239
MERCER	24	21	25	28	51	67	40	60	40	43	24	44	467
MONROE	2	6	1	3	6	16	10	9	7	8	6	6	80
RALEIGH	30	40	37	45	67	75	56	71	52	58	59	71	661
SUMMERS	2	0	7	8	8	9	8	10	3	10	5	14	84
WYOMING	17	17	21	18	14	36	13	41	25	20	25	33	280
REGION 2:	170	159	202	207	250	356	250	277	223	233	221	279	2,827
CABELL	83	67	74	91	106	147	109	122	92	100	80	110	1,181
LINCOLN	8	15	13	11	18	23	28	17	23	19	22	26	223
LOGAN	19	25	35	29	33	66	42	40	32	45	39	43	448
MASON	16	22	22	25	38	26	17	36	15	25	28	25	287
MINGO	19	15	34	32	28	40	34	34	30	21	35	42	364
WAYNE	25	15	24	19	35	54	20	28	31	23	17	33	324
REGION 3:	192	196	179	260	306	372	242	330	237	230	234	273	3,051
BOONE	12	17	14	24	19	20	31	19	24	19	13	36	248
CLAY	13	7	10	16	11	14	8	15	10	5	12	13	134
KANAWHA	142	160	139	193	245	297	173	254	183	176	185	187	2,334
PUTNAM	25	12	16	27	31	41	30	42	20	30	24	37	335
REGION 4:	49	69	63	88	113	133	92	108	94	81	83	97	1,070
FAYETTE	23	26	22	34	41	50	35	49	34	40	37	44	435
GREENBRIER	7	13	12	25	19	31	23	24	19	14	15	17	219
NICHOLAS	13	14	14	17	34	26	17	20	24	21	22	20	242
POCAHONTAS	2	7	3	4	11	12	9	5	6	4	2	10	75
WEBSTER	4	9	12	8	8	14	8	10	11	2	7	6	99
REGION 5:	123	144	114	128	202	210	171	206	138	144	125	132	1,837
CALHOUN	5	7	2	10	8	5	7	8	6	9	4	7	78
JACKSON	16	21	22	18	34	35	27	27	17	14	24	14	269
PLEASANTS	6	5	4	9	7	6	10	10	5	4	4	4	74
RITCHIE	7	4	9	8	9	14	12	7	5	11	8	10	104
ROANE	10	13	8	11	19	15	10	17	11	16	12	10	152
TYLER	2	9	10	2	9	13	7	12	7	12	9	9	101
WIRT	3	7	3	7	3	13	6	9	7	5	2	5	70
WOOD	74	78	56	63	113	109	92	116	80	73	62	73	989
REGION 6:	112	146	91	138	193	238	207	247	159	188	153	161	2,033
DODDRIDGE	3	4	3	4	3	12	9	7	9	7	6	6	73
HARRISON	40	57	35	51	66	68	61	79	49	61	50	47	664
MARION	27	32	20	34	45	54	56	60	43	51	45	48	515
MONONGALIA	26	35	24	35	54	68	60	61	33	49	33	45	523
PRESTON	8	10	6	6	17	21	9	21	11	11	6	7	133
TAYLOR	8	8	3	8	8	15	12	19	14	9	13	8	125
REGION 7:	72	57	62	84	112	148	116	119	98	92	106	99	1,165
BARBOUR	11	9	10	9	13	16	16	12	10	7	8	8	129
BRAXTON	8	8	5	11	14	14	10	15	22	14	13	17	151
GILMER	9	2	2	3	8	8	4	6	6	6	9	2	65
LEWIS	9	8	18	12	16	25	22	23	10	19	23	18	203
RANDOLPH	15	13	14	26	31	46	28	30	26	15	26	31	301
TUCKER	7	5	5	7	13	13	14	7	6	4	2	5	88
UPSHUR	13	12	8	16	17	26	22	26	18	27	25	18	228
REGION 8:	25	31	30	31	45	67	42	54	29	41	26	35	456
GRANT	3	6	5	3	4	8	4	9	3	8	7	5	65
HAMPSHIRE	6	10	5	6	12	16	7	9	8	11	5	9	104
HARDY	6	6	5	6	5	13	8	10	6	4	3	6	78
MINERAL	8	7	11	8	16	24	12	19	11	16	10	6	148
PENDLETON	2	2	4	8	8	6	11	7	1	2	1	9	61
REGION 9:	33	35	32	50	65	74	73	63	57	42	37	44	605
BERKELEY	13	20	18	25	33	39	36	36	27	21	18	24	310
JEFFERSON	19	14	13	23	26	26	26	23	22	18	16	18	244
MORGAN	1	1	1	2	6	9	11	4	8	3	3	2	51
REGION 10:	68	68	67	65	113	134	113	135	113	111	95	77	1,159
MARSHAL	18	15	23	19	28	39	39	47	34	29	37	17	345
OHIO	37	38	37	33	71	60	57	74	61	59	40	38	605
WETZEL	13	15	7	13	14	35	17	14	18	23	18	22	209
REGION 11:	34	37	37	52	78	78	62	102	75	58	45	34	692
BROOKE	7	13	16	14	30	36	24	46	28	18	19	14	265
HANCOCK	27	24	21	38	48	42	38	56	47	40	26	20	427
OUT-OF-STATE	2	0	1	0	0	2	3	1	2	2	1	1	15
TOTAL	965	1,038	982	1,228	1,640	2,045	1,517	1,861	1,373	1,384	1,267	[illegible]21	16,721

WEST VIRGINIA RESIDENT MARRIAGES 1977-1981
Number by County
Table 38

COUNTY	1977	1978	1979	1980	1981	COUNTY	1977	1978	1979	1980	1981
BARBOUR	140	108	154	165	129	MONONGALIA	605	560	584	594	523
BERKELEY	275	284	273	301	310	MONROE	57	81	68	74	80
BOONE	271	306	321	306	248	MORGAN	44	58	60	65	51
BRAXTON	121	149	141	152	151	NICHOLAS	266	250	260	254	242
BROOKE	282	262	238	224	265	OHIO	643	663	678	624	605
CABELL	1,257	1,199	1,179	1,187	1,181	PENDLETON	74	54	75	62	61
CALHOUN	84	93	99	76	78	PLEASANTS	90	88	87	94	74
CLAY	127	126	121	127	134	POCAHONTAS	62	64	71	84	75
DODDRIDGE	71	90	72	76	73	PRESTON	152	155	145	143	133
FAYETTE	539	478	517	469	435	PUTNAM	308	311	363	319	335
GILMER	72	78	76	66	65	RALEIGH	725	717	761	737	661
GRANT	51	71	61	68	65	RANDOLPH	266	261	293	266	301
GREENBRIER	253	223	257	239	219	RITCHIE	110	102	109	92	104
HAMPSHIRE	76	85	81	90	104	ROANE	163	160	187	178	152
HANCOCK	422	443	499	483	427	SUMMERS	101	104	102	94	84
HARDY	77	73	72	84	78	TAYLOR	145	127	132	129	125
HARRISON	666	699	620	666	664	TUCKER	61	76	94	69	88
JACKSON	242	242	272	277	269	TYLER	118	93	90	95	101
JEFFERSON	220	201	209	234	244	UPSHUR	225	236	248	246	228
KANAWHA	2,429	2,438	2,440	2,437	2,334	WAYNE	355	365	372	336	324
LEWIS	205	206	212	229	203	WEBSTER	123	105	117	103	99
LINCOLN	230	220	237	268	223	WETZEL	215	224	214	218	209
LOGAN	523	491	454	471	448	WIRT	55	48	68	75	70
MCDOWELL	257	246	267	238	239	WOOD	1,109	1,135	1,167	1,092	989
MARION	546	523	531	552	515	WYOMING	272	249	292	249	280
MARSHALL	351	383	350	358	345	OUT-OF-STATE	23	29	20	21	15
MASON	293	315	310	284	287						
MERCER	495	445	484	427	467						
MINERAL	146	137	140	130	148	TOTAL	17,484	17,275	17,738	17,391	16,721
MINGO	396	346	394	394	364						

WEST VIRGINIA RESIDENT MARRIAGES 1981
Age of Bride and Groom
Exhibit 20



WEST VIRGINIA RESIDENT MARRIAGES 1981
Age of Bride by Age of Groom
Table 39

AGE OF BRIDE	AGE OF GROOM												
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
10-14 YEARS	1	32	13	2	1	0	0	0	0	0	0	0	49
15-19 YEARS	0	1,683	2,783	542	135	36	7	3	3	3	0	0	5,195
20-24 YEARS	0	339	2,984	1,514	490	138	46	24	5	5	1	1	5,547
25-29 YEARS	0	35	510	969	645	213	94	41	22	11	3	1	2,544
30-34 YEARS	0	12	111	285	404	288	124	65	28	10	10	0	1,337
35-39 YEARS	0	4	26	58	122	181	147	91	42	19	18	0	708
40-44 YEARS	0	0	7	23	27	65	111	74	54	37	22	0	420
45-49 YEARS	0	0	0	7	6	13	39	82	67	32	41	0	287
50-54 YEARS	0	0	0	0	4	5	11	36	56	55	58	0	225
54-59 YEARS	0	0	0	0	0	1	1	4	14	26	89	0	135
60 & OVER	0	0	1	0	0	0	0	5	11	22	233	0	272
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	2	2
TOTAL	1	2,105	6,435	3,400	1,834	940	580	425	302	220	475	4	16,721

WEST VIRGINIA RESIDENT MARRIAGES 1981
Previous Marital Status of Bride and Groom
Table 40

BRIDE	GROOM					
	NEVER MARRIED	WIDOWED	DIVORCED	ANNULLED	NOT STATED	TOTAL
NEVER MARRIED	9,114	110	1,538	5	14	10,781
WIDOWED	78	275	192	1	17	563
DIVORCED	1,819	274	3,158	7	36	5,294
ANNULLED	11	3	11	1	0	26
NOT STATED	7	14	28	0	8	57
TOTAL	11,029	676	4,927	14	75	16,721

WEST VIRGINIA RESIDENT MARRIAGES 1981
Number of Previous Marriages for Bride and Groom
Table 41

BRIDE	GROOM						
	NEVER MARRIED	ONE PREVIOUS MARRIAGE	TWO PREVIOUS MARRIAGES	THREE PREVIOUS MARRIAGES	FOUR OR MORE PREVIOUS MARRIAGES	NOT STATED	TOTAL
NEVER MARRIED	9,114	1,422	204	22	3	16	10,781
ONE PREVIOUS MARRIAGE	1,641	2,372	555	81	9	13	4,671
TWO PREVIOUS MARRIAGE	224	511	240	39	13	2	1,029
THREE PREVIOUS MARRIAGES	39	81	39	7	3	0	169
FOUR OR MORE PREVIOUS MARRIAGES	4	20	17	0	3	0	44
NOT STATED	7	10	4	1	0	5	27
TOTAL	11,029	4,416	1,059	150	31	36	16,721

WEST VIRGINIA DIVORCES AND ANNULMENTS 1981
Region and County of Occurrence
Table 42

COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL	COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL
REGION 1:	1,625	9	1,634	REGION 6:	1,272	3	1,275
MCDOWELL	264	2	266	DODDRIDGE	23	0	23
MERCER	465	2	467	HARRISON	352	2	354
MONROE	44	0	44	MARION	344	0	344
RALEIGH	543	3	546	MONONGALIA	337	1	338
SUMMERS	89	0	89	PRESTON	130	0	130
WYOMING	220	2	222	TAYLOR	86	0	86
REGION 2:	1,796	12	1,808	REGION 7:	666	5	671
CABELL	696	6	702	BARBOUR	69	2	71
LINCOLN	124	0	124	BRAXTON	56	0	56
LOGAN	273	3	276	GILMER	33	0	33
MASON	171	1	172	LEWIS	116	0	116
MINGO	278	0	278	RANDOLPH	206	1	207
WAYNE	254	2	256	TUCKER	42	0	42
				UPSHUR	144	2	146
REGION 3:	1,979	4	1,983				
BOONE	206	0	206	REGION 8:	275	1	276
CLAY	38	0	38	GRANT	27	0	27
KANAWHA	1,500	3	1,503	HAMPSHIRE	63	1	64
PUTNAM	235	1	236	HARDY	39	0	39
				MINERAL	100	0	100
REGION 4:	718	4	722	PENDLETON	46	0	46
FAYETTE	314	1	315				
GREENBRIER	192	2	194	REGION 9:	460	0	460
NICHOLAS	131	1	132	BERKELEY	243	0	243
POCAHONTAS	52	0	52	JEFFERSON	171	0	171
WEBSTER	29	0	29	MORGAN	46	0	46
REGION 5:	978	4	982	REGION 10:	592	1	593
CALHOUN	55	0	55	MARSHALL	239	1	240
JACKSON	144	1	145	OHIO	276	0	276
PLEASANTS	28	1	29	WETZEL	77	0	77
RITCHIE	30	1	31				
ROANE	98	0	98	REGION 11:	343	1	344
TYLER	45	0	45	BROOKE	136	0	136
WIRT	27	0	27	HANCOCK	207	1	208
WOOD	551	1	552				
				TOTAL	10,704	44	10,748

WEST VIRGINIA DIVORCES AND ANNULMENTS 1977-1981
Number by County
Table 43

COUNTY	1977	1978	1979	1980	1981	COUNTY	1977	1978	1979	1980	1981
BARBOUR	70	66	80	76	71	MONONGALIA	371	361	342	325	338
BERKELEY	186	161	195	222	243	MONROE	42	53	55	37	44
BOONE	80	146	208	219	206	MORGAN	36	46	62	49	46
BRAXTON	1	32	58	55	56	NICHOLAS	143	150	157	169	132
BROOKE	132	149	121	121	136	OHIO	248	164	258	259	276
CABELL	724	653	728	709	702	PENDLETON	32	23	27	27	46
CALHOUN	25	37	34	28	55	PLEASANTS	39	32	53	41	29
CLAY	58	51	44	58	38	POCAHONTAS	24	43	48	42	52
DODDRIDGE	26	29	23	39	23	PRESTON	98	113	116	93	130
FAYETTE	255	257	266	284	315	PUTNAM	179	191	242	257	236
GILMER	34	26	31	37	33	RALEIGH	421	489	420	474	546
GRANT	24	26	37	25	27	RANDOLPH	139	93	132	154	207
GREENBRIER	144	173	185	183	194	RITCHIE	35	38	47	68	31
HAMPSHIRE	56	63	62	70	64	ROANE	58	77	82	72	98
HANCOCK	190	198	191	198	208	SUMMERS	65	64	68	80	89
HARDY	36	34	37	41	39	TAYLOR	91	98	58	79	86
HARRISON	333	348	328	356	354	TUCKER	37	39	28	29	42
JACKSON	108	118	131	136	145	TYLER	45	45	37	45	45
JEFFERSON	179	159	199	169	171	UPSHUR	101	140	108	115	146
KANAWHA	1,417	1,434	1,399	1,396	1,503	WAYNE	235	231	217	267	256
LEWIS	116	79	98	106	116	WEBSTER	67	65	53	58	29
LINCOLN	127	106	134	121	124	WETZEL	93	93	73	71	77
LOGAN	296	275	251	248	276	WIRT	10	24	21	25	27
MCDOWELL	247	260	268	255	266	WOOD	543	538	542	579	552
MARION	287	359	325	311	344	WYOMING	205	189	184	200	222
MARSHALL	188	182	190	198	240						
MASON	165	156	169	183	172						
MERCER	434	452	476	445	467	TOTAL	9,605	9,698	10,046	10,273	10,748
MINERAL	100	67	127	106	100						
MINGO	210	203	221	263	278						

WEST VIRGINIA DIVORCES AND ANNULMENTS 1981
Age of Husband and Wife
Table 44

AGE OF WIFE	AGE OF HUSBAND											
	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
10-14 YEARS	0	1	0	0	0	0	0	0	0	0	0	1
15-19 YEARS	82	426	59	17	5	2	1	1	0	0	2	595
20-24 YEARS	34	1,077	956	205	59	25	11	1	1	1	13	2,383
25-29 YEARS	2	146	1,040	781	161	58	15	7	6	4	14	2,234
30-34 YEARS	2	35	174	815	502	135	55	20	7	6	4	1,755
35-39 YEARS	0	16	34	90	392	309	97	38	13	10	6	1,005
40-44 YEARS	1	3	10	35	64	233	169	54	22	19	5	615
45-49 YEARS	0	1	5	9	21	41	133	105	48	33	1	397
50-54 YEARS	0	0	1	3	6	11	26	87	78	28	2	242
54-59 YEARS	0	0	0	1	2	6	4	20	48	49	1	131
60 & OVER	0	0	0	0	1	3	3	12	26	128	3	176
UNKNOWN	1	11	15	9	7	2	2	3	3	6	1,155	1,214
TOTAL	122	1,716	2,294	1,965	1,220	825	516	348	252	284	1,206	10,748

WEST VIRGINIA DIVORCES AND ANNULMENTS 1981
Plaintiff by Duration of Marriage
Table 45

DURATION OF MARRIAGE IN YEARS	HUSBAND AS PLAINTIFF				WIFE AS PLAINTIFF				UNKNOWN PLAINTIFF				TOTAL	PERCENT OF TOTAL
	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL		
UNDER 1	224	5	229	2.1	422	20	442	4.1	0	0	0	0.0	671	6.2
1 TO 5	1,345	2	1,347	12.5	3,316	11	3,327	31.0	0	0	0	0.0	4,674	43.5
6 TO 10	676	0	676	6.3	1,831	0	1,831	17.0	0	0	0	0.0	2,507	23.3
11 TO 15	344	1	345	3.2	953	2	955	8.9	1	0	1	0.0	1,301	12.1
16 TO 20	168	1	169	1.6	526	1	527	4.9	0	0	0	0.0	696	6.5
21 TO 25	118	0	118	1.1	308	0	308	2.9	0	0	0	0.0	426	4.0
26 TO 30	78	0	78	0.7	154	0	154	1.4	0	0	0	0.0	232	2.2
31 TO 35	49	0	49	0.5	90	0	90	0.8	0	0	0	0.0	139	1.3
36 TO 40	18	0	18	0.2	23	0	23	0.2	0	0	0	0.0	41	0.4
41 TO 45	11	0	11	0.1	12	0	12	0.1	0	0	0	0.0	23	0.2
46 TO 50	5	0	5	0.0	8	0	8	0.1	0	0	0	0.0	13	0.1
51 TO 55	2	0	2	0.0	1	0	1	0.0	0	0	0	0.0	3	0.0
56 TO 60	0	0	0	0.0	1	0	1	0.0	0	0	0	0.0	1	0.0
OVER 60	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0.0
UNKNOWN	5	0	5	0.0	14	1	15	0.1	1	0	1	0.0	21	0.2
TOTAL	3,043	9	3,052	28.4	7,659	35	7,694	71.6	2	0	2	0.0	10,748	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1981
Type of Decree by Number of Children
Table 46

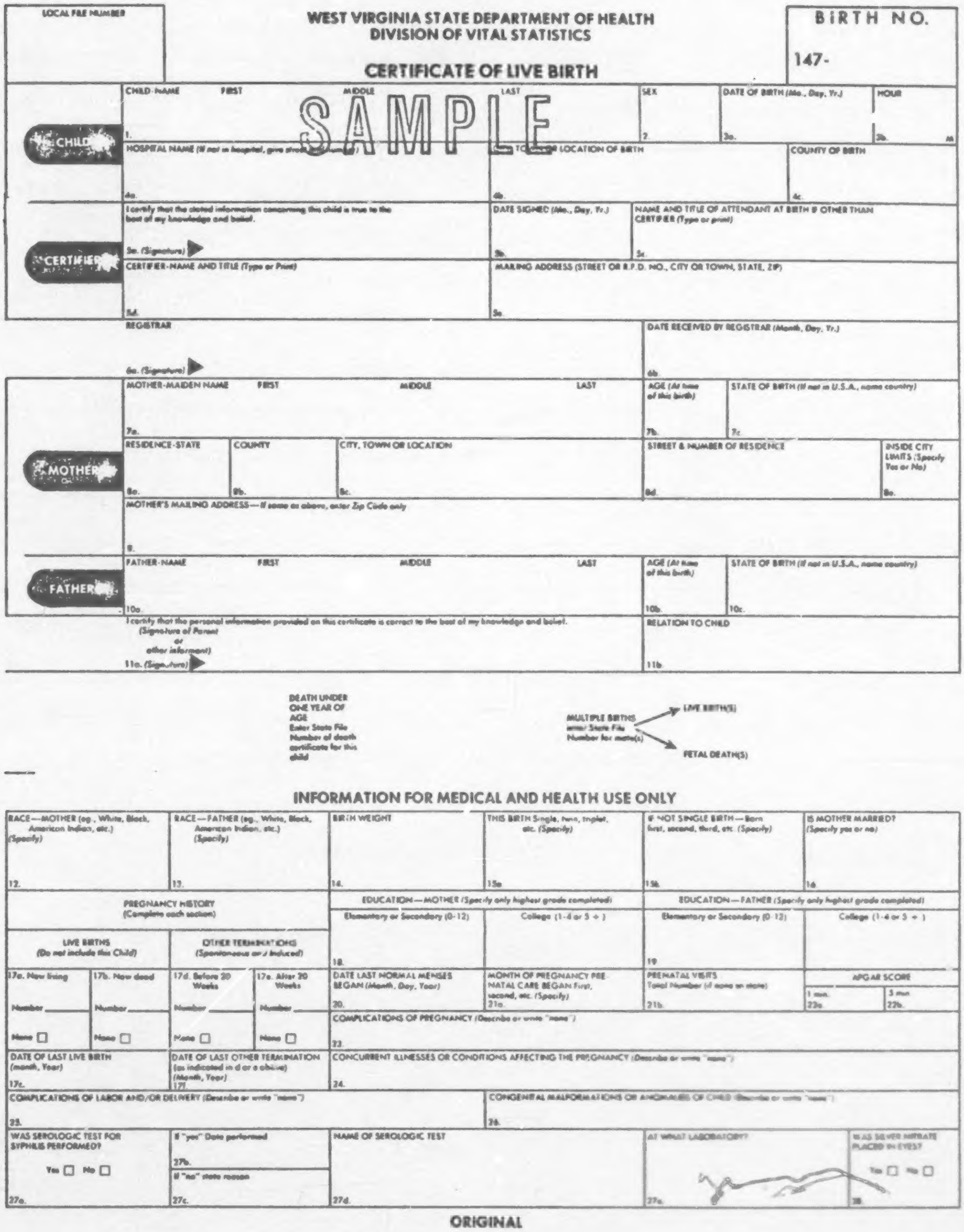
NUMBER OF DECREES	NUMBER OF CHILDREN REPORTED UNDER 18 YEARS OF AGE										
	NONE	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT OR MORE	UNKNOWN	TOTAL
DIVORCE	4,746	2,898	2,055	752	170	49	21	8	4	1	10,704
PERCENT	44.3	27.1	19.2	7.0	1.6	0.5	0.2	0.1	0.0	0.0	99.6
ANNULMENT	41	1	2	0	0	0	0	0	0	0	44
PERCENT	93.2	2.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
TOTAL	4,787	2,899	2,057	752	170	49	21	8	4	1	10,748
PERCENT	44.5	27.0	19.1	7.0	1.6	0.5	0.2	0.1	0.0	0.0	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1981
Plaintiff by Age Group
Table 47

PLAINTIFF	AGE OF PLAINTIFF											
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
HUSBAND	0	27	480	641	537	320	220	143	125	93	105	361	3,052
PERCENT	0.0	0.9	15.7	21.0	17.6	10.5	7.2	4.7	4.1	3.0	3.4	11.8	28.4
WIFE	0	414	1,739	1,613	1,306	736	446	274	154	84	107	821	7,694
PERCENT	0.0	5.4	22.6	21.0	17.0	9.6	5.8	3.6	2.0	1.1	1.4	10.7	71.6
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	2	2
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
TOTAL	0	441	2,219	2,254	1,843	1,056	666	417	279	177	212	1,184	10,748
PERCENT	0.0	4.1	20.6	21.0	17.1	9.8	6.2	3.9	2.6	1.6	2.0	11.0	100.0

APPENDICES

APPENDIX A
Certificate of Live Birth



LOCAL FILE NUMBER

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

CERTIFICATE OF LIVE BIRTH

BIRTH NO.
147-

SAMPLE

CHILD

CHILD-NAME FIRST MIDDLE LAST 1.	SEX 2.	DATE OF BIRTH *(Mo., Day, Yr.)* 3a.	HOUR 3b. M	
HOSPITAL NAME *(If not in hospital, give street and number)* 4a.	CITY, TOWN OR LOCATION OF BIRTH 4b.	COUNTY OF BIRTH 4c.		

CERTIFIER

I certify that the stated information concerning this child is true to the best of my knowledge and belief. 5a. *(Signature)* ▶	DATE SIGNED *(Mo., Day, Yr.)* 5b.	NAME AND TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER *(Type or print)* 5c.
CERTIFIER-NAME AND TITLE *(Type or Print)* 5d.	MAILING ADDRESS (STREET OR R.F.D. NO., CITY OR TOWN, STATE, ZIP) 5e.	

REGISTRAR 6a. *(Signature)* ▶	DATE RECEIVED BY REGISTRAR *(Month, Day, Yr.)* 6b.

MOTHER

MOTHER-MAIDEN NAME FIRST MIDDLE LAST 7a.	AGE *(At time of this birth)* 7b.	STATE OF BIRTH *(If not in U.S.A., name country)* 7c.		
RESIDENCE-STATE 8a.	COUNTY 8b.	CITY, TOWN OR LOCATION 8c.	STREET & NUMBER OF RESIDENCE 8d.	INSIDE CITY LIMITS *(Specify Yes or No)* 8e.
MOTHER'S MAILING ADDRESS—*If same as above, enter Zip Code only* 9.				

FATHER

FATHER-NAME FIRST MIDDLE LAST 10a.	AGE *(At time of this birth)* 10b.	STATE OF BIRTH *(If not in U.S.A., name country)* 10c.
I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. *(Signature of Parent or other informant)* 11a. *(Signature)* ▶	RELATION TO CHILD 11b.	

DEATH UNDER
ONE YEAR OF
AGE
Enter State File
Number of death
certificate for this
child

MULTIPLE BIRTHS enter State File Number for mate(s) → LIVE BIRTH(S)
→ FETAL DEATH(S)

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE—MOTHER (eg., White, Black, American Indian, etc.) *(Specify)* 12.	RACE—FATHER (eg., White, Black, American Indian, etc.) *(Specify)* 13.	BIRTH WEIGHT 14.	THIS BIRTH Single, twin, triplet, etc. *(Specify)* 15a	IF NOT SINGLE BIRTH—Born first, second, third, etc. *(Specify)* 15b	IS MOTHER MARRIED? *(Specify yes or no)* 16

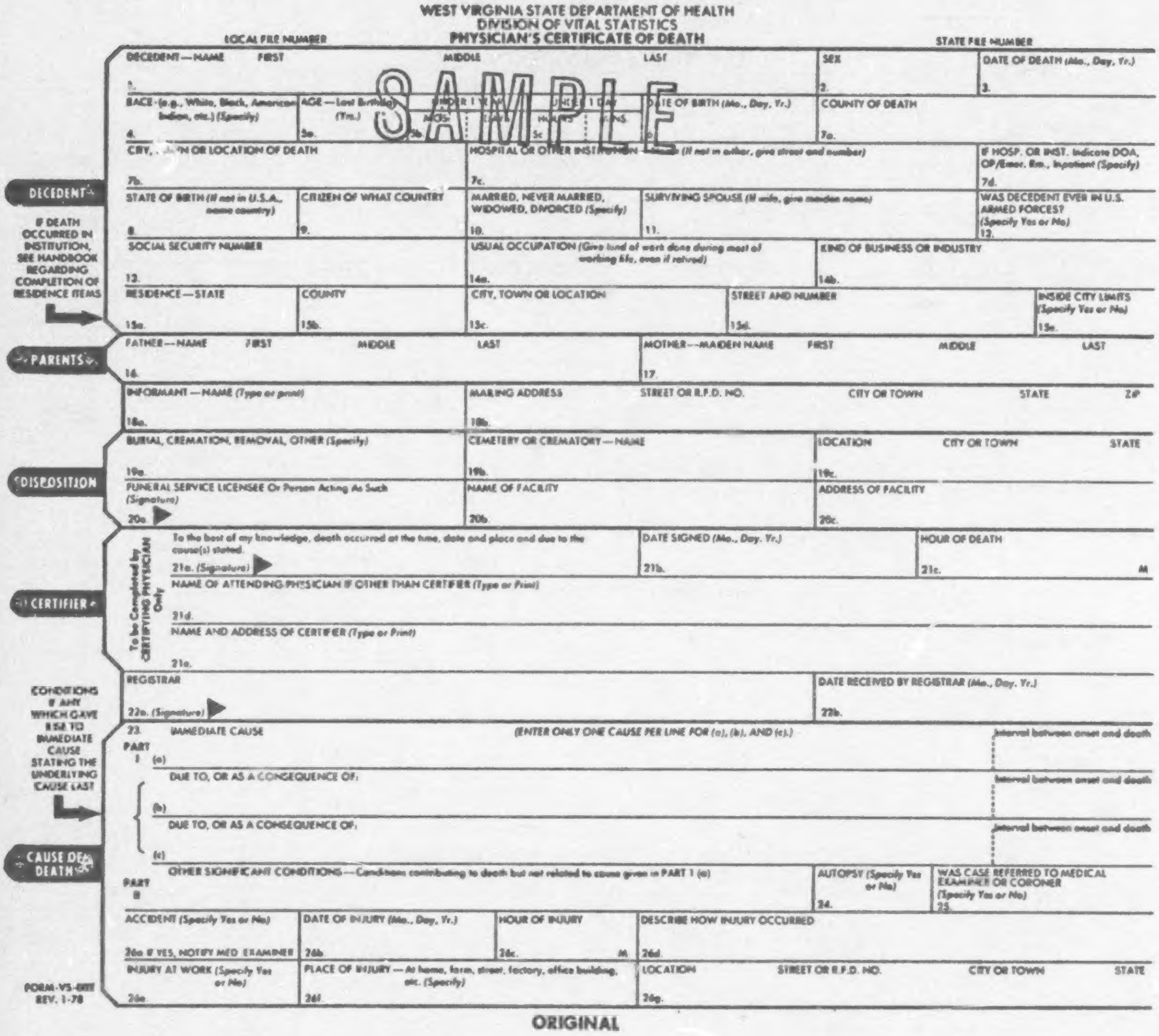
PREGNANCY HISTORY *(Complete each section)*				EDUCATION—MOTHER *(Specify only highest grade completed)*		EDUCATION—FATHER *(Specify only highest grade completed)*	
LIVE BIRTHS *(Do not include this Child)*		OTHER TERMINATIONS *(Spontaneous and Induced)*		Elementary or Secondary (0-12) 18.	College (1-4 or 5 +)	Elementary or Secondary (0-12) 19	College (1-4 or 5 +)
17a. Now living Number ____ None ☐	17b. Now dead Number ____ None ☐	17d. Before 20 Weeks Number ____ None ☐	17e. After 20 Weeks Number ____ None ☐	DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)* 20.	MONTH OF PREGNANCY PRENATAL CARE BEGAN First, second, etc. *(Specify)* 21a.	PRENATAL VISITS Total Number (if none so state) 21b.	APGAR SCORE 1 min. 22a. 5 min. 22b.
				COMPLICATIONS OF PREGNANCY *(Describe or write "none")* 23.			
DATE OF LAST LIVE BIRTH *(month, Year)* 17c.		DATE OF LAST OTHER TERMINATION (as indicated in d or e above) *(Month, Year)* 17f.		CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY *(Describe or write "none")* 24.			

COMPLICATIONS OF LABOR AND/OR DELIVERY *(Describe or write "none")* 25.	CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD *(Describe or write "none")* 26.

WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED? Yes ☐ No ☐ 27a.	If "yes" Date performed 27b. If "no" state reason 27c.	NAME OF SEROLOGIC TEST 27d.	AT WHAT LABORATORY? 27e.	WAS SILVER NITRATE PLACED IN EYES? Yes ☐ No ☐ 28.

ORIGINAL

APPENDIX A
Physician's Certificate of Death



WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS
PHYSICIAN'S CERTIFICATE OF DEATH

LOCAL FILE NUMBER
STATE FILE NUMBER

SAMPLE

DECEDENT

IF DEATH OCCURRED IN INSTITUTION, SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEMS

DECEDENT—NAME FIRST MIDDLE LAST 1. | SEX 2. | DATE OF DEATH (Mo., Day, Yr.) 3.
RACE-(e.g., White, Black, American Indian, etc.) (Specify) 4. | AGE—Last Birthday (Yrs.) 5a. | UNDER 1 YEAR MOS. DAYS 5b. | UNDER 1 DAY HOURS MINS 5c. | DATE OF BIRTH (Mo., Day, Yr.) 6. | COUNTY OF DEATH 7a.
CITY, TOWN OR LOCATION OF DEATH 7b. | HOSPITAL OR OTHER INSTITUTION — Name (If not in either, give street and number) 7c. | IF HOSP. OR INST. Indicate DOA, OP/Emer. Rm., Inpatient (Specify) 7d.
STATE OF BIRTH (If not in U.S.A., name country) 8. | CITIZEN OF WHAT COUNTRY 9. | MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) 10. | SURVIVING SPOUSE (If wife, give maiden name) 11. | WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No) 12.
SOCIAL SECURITY NUMBER 13. | USUAL OCCUPATION (Give kind of work done during most of working life, even if retired) 14a. | KIND OF BUSINESS OR INDUSTRY 14b.
RESIDENCE—STATE 15a. | COUNTY 15b. | CITY, TOWN OR LOCATION 15c. | STREET AND NUMBER 15d. | INSIDE CITY LIMITS (Specify Yes or No) 15e.

PARENTS

FATHER—NAME FIRST MIDDLE LAST 16. | MOTHER—MAIDEN NAME FIRST MIDDLE LAST 17.
INFORMANT—NAME (Type or print) 18a. | MAILING ADDRESS STREET OR R.F.D. NO. CITY OR TOWN STATE ZIP 18b.

DISPOSITION

BURIAL, CREMATION, REMOVAL, OTHER (Specify) 19a. | CEMETERY OR CREMATORY—NAME 19b. | LOCATION CITY OR TOWN STATE 19c.
FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature) 20a. ▶ | NAME OF FACILITY 20b. | ADDRESS OF FACILITY 20c.

CERTIFIER

To be Completed by CERTIFYING PHYSICIAN Only

To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.
21a. (Signature) ▶ | DATE SIGNED (Mo., Day, Yr.) 21b. | HOUR OF DEATH 21c. M
NAME OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (Type or Print) 21d.
NAME AND ADDRESS OF CERTIFIER (Type or Print) 21e.
REGISTRAR 22a. (Signature) ▶ | DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.) 22b.

CAUSE OF DEATH

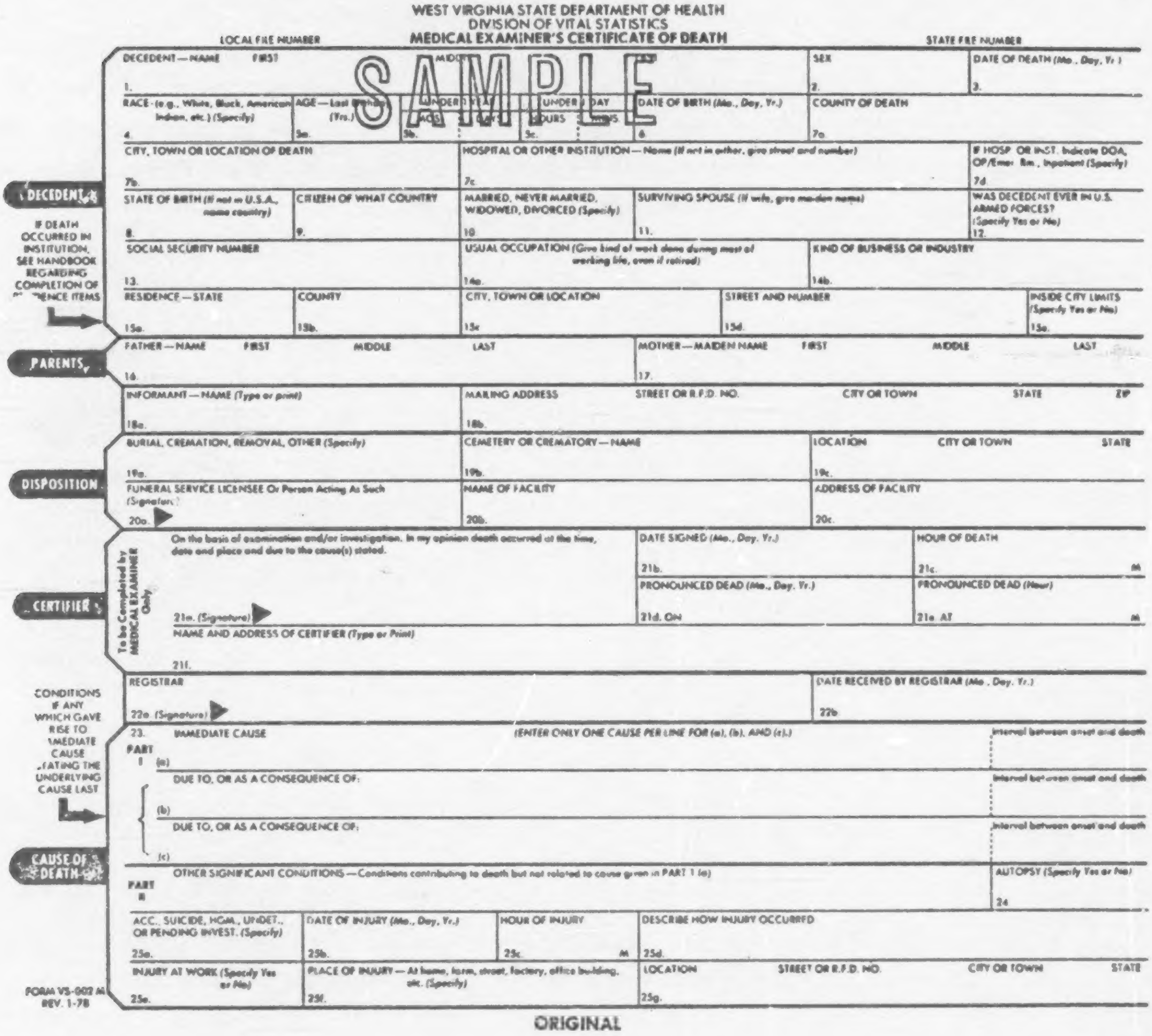
CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST

23. IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).)
PART I (a) | Interval between onset and death
DUE TO, OR AS A CONSEQUENCE OF:
(b) | Interval between onset and death
DUE TO, OR AS A CONSEQUENCE OF:
(c) | Interval between onset and death
PART II OTHER SIGNIFICANT CONDITIONS—Conditions contributing to death but not related to cause given in PART I (a) | AUTOPSY (Specify Yes or No) 24. | WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER (Specify Yes or No) 25.
ACCIDENT (Specify Yes or No) 26a IF YES, NOTIFY MED EXAMINER | DATE OF INJURY (Mo., Day, Yr.) 26b. | HOUR OF INJURY 26c. M | DESCRIBE HOW INJURY OCCURRED 26d.
INJURY AT WORK (Specify Yes or No) 26e. | PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify) 26f. | LOCATION STREET OR R.F.D. NO. CITY OR TOWN STATE 26g.

FORM-VS-IIII
REV. 1-78

ORIGINAL

APPENDIX A
Medical Examiner's Certificate of Death



WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS
MEDICAL EXAMINER'S CERTIFICATE OF DEATH

LOCAL FILE NUMBER
STATE FILE NUMBER

SAMPLE

DECEDENT

DECEDENT—NAME FIRST MIDD LAST 1.
SEX 2.
DATE OF DEATH *(Mo., Day, Yr.)* 3.
RACE (e.g., White, Black, American Indian, etc.) *(Specify)* 4.
AGE—Last Birthday *(Yrs.)* 5a.
UNDER 1 YEAR MOS. DAYS 5b.
UNDER 1 DAY HOURS MINS. 5c.
DATE OF BIRTH *(Mo., Day, Yr.)* 6.
COUNTY OF DEATH 7a.
CITY, TOWN OR LOCATION OF DEATH 7b.
HOSPITAL OR OTHER INSTITUTION—Name *(If not in either, give street and number)* 7c.
IF HOSP. OR INST. Indicate DOA, OP/Emer. Rm., Inpatient *(Specify)* 7d.
STATE OF BIRTH *(If not in U.S.A., name country)* 8.
CITIZEN OF WHAT COUNTRY 9.
MARRIED, NEVER MARRIED, WIDOWED, DIVORCED *(Specify)* 10
SURVIVING SPOUSE *(If wife, give maiden name)* 11.
WAS DECEDENT EVER IN U.S. ARMED FORCES? *(Specify Yes or No)* 12.
SOCIAL SECURITY NUMBER 13.
USUAL OCCUPATION *(Give kind of work done during most of working life, even if retired)* 14a.
KIND OF BUSINESS OR INDUSTRY 14b.

IF DEATH OCCURRED IN INSTITUTION, SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEMS

RESIDENCE—STATE 15a.
COUNTY 15b.
CITY, TOWN OR LOCATION 15c
STREET AND NUMBER 15d.
INSIDE CITY LIMITS *(Specify Yes or No)* 15e.

PARENTS

FATHER—NAME FIRST MIDDLE LAST 16.
MOTHER—MAIDEN NAME FIRST MIDDLE LAST 17.

INFORMANT—NAME *(Type or print)* 18a.
MAILING ADDRESS STREET OR R.F.D. NO. CITY OR TOWN STATE ZIP 18b.

DISPOSITION

BURIAL, CREMATION, REMOVAL, OTHER *(Specify)* 19a.
CEMETERY OR CREMATORY—NAME 19b.
LOCATION CITY OR TOWN STATE 19c.
FUNERAL SERVICE LICENSEE Or Person Acting As Such *(Signature)* 20a. ▶
NAME OF FACILITY 20b.
ADDRESS OF FACILITY 20c.

CERTIFIER

To be Completed by MEDICAL EXAMINER Only

On the basis of examination and/or investigation. In my opinion death occurred at the time, date and place and due to the cause(s) stated.

21a. *(Signature)* ▶
DATE SIGNED *(Mo., Day, Yr.)* 21b.
HOUR OF DEATH 21c. M
PRONOUNCED DEAD *(Mo., Day, Yr.)* 21d. ON
PRONOUNCED DEAD *(Hour)* 21e. AT M
NAME AND ADDRESS OF CERTIFIER *(Type or Print)* 21f.

REGISTRAR 22a. *(Signature)* ▶
DATE RECEIVED BY REGISTRAR *(Mo., Day, Yr.)* 22b

CAUSE OF DEATH

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST

23. IMMEDIATE CAUSE *(ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).)*

PART I (a) Interval between onset and death
DUE TO, OR AS A CONSEQUENCE OF: (b) Interval between onset and death
DUE TO, OR AS A CONSEQUENCE OF: (c) Interval between onset and death

PART II OTHER SIGNIFICANT CONDITIONS—Conditions contributing to death but not related to cause given in PART 1 (a)
AUTOPSY *(Specify Yes or No)* 24

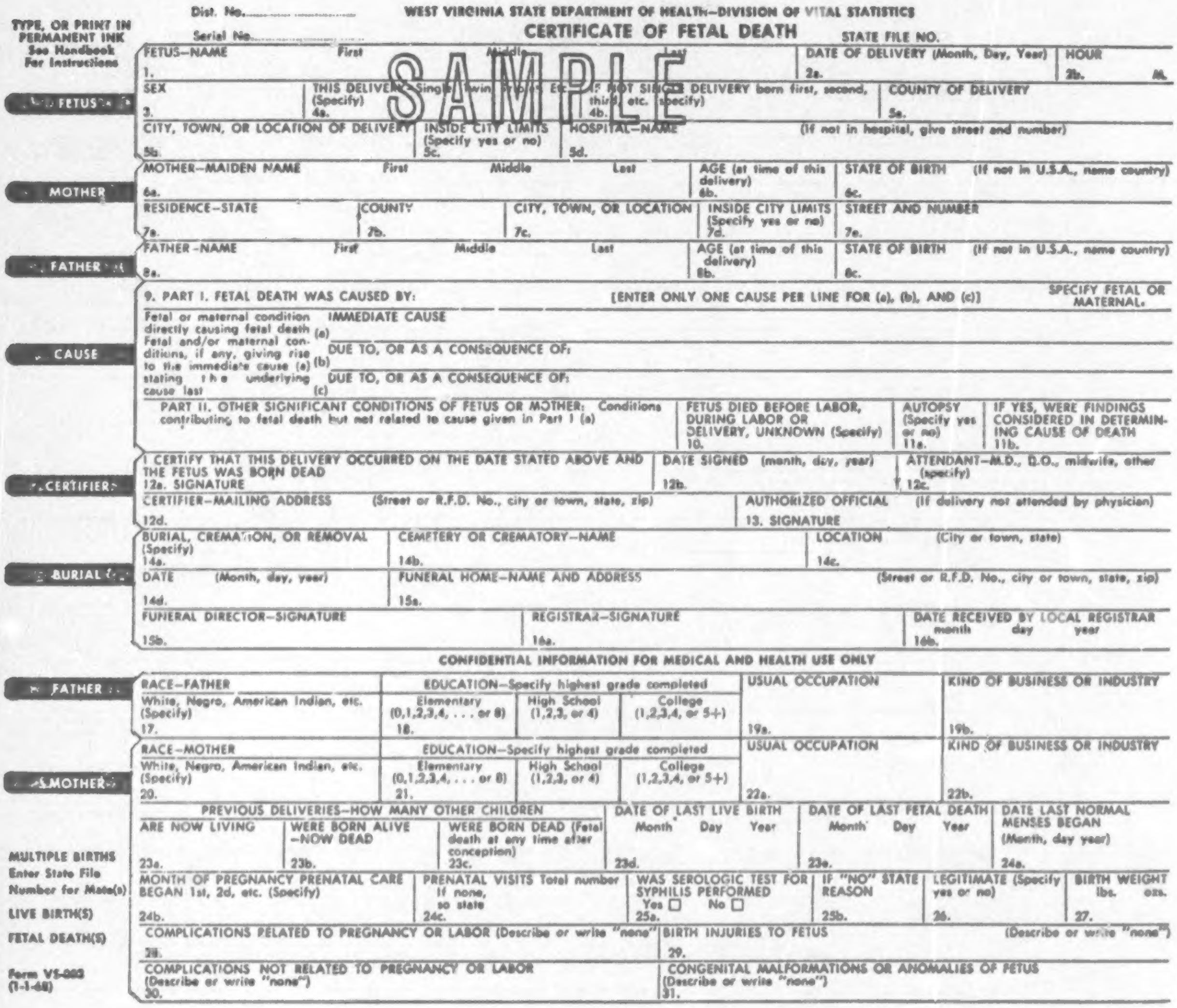
ACC., SUICIDE, HOM., UNDET., OR PENDING INVEST. *(Specify)* 25a.
DATE OF INJURY *(Mo., Day, Yr.)* 25b.
HOUR OF INJURY 25c. M
DESCRIBE HOW INJURY OCCURRED 25d.
INJURY AT WORK *(Specify Yes or No)* 25e.
PLACE OF INJURY—At home, farm, street, factory, office building, etc. *(Specify)* 25f.
LOCATION STREET OR R.F.D. NO. CITY OR TOWN STATE 25g.

FORM VS-002 M
REV. 1-78

ORIGINAL

APPENDIX A

Certificate of Fetal Death



Dist. No.................................

Serial No.................................

WEST VIRGINIA STATE DEPARTMENT OF HEALTH—DIVISION OF VITAL STATISTICS

CERTIFICATE OF FETAL DEATH

STATE FILE NO.

TYPE, OR PRINT IN PERMANENT INK
See Handbook For Instructions

SAMPLE

FETUS

FETUS—NAME First Middle Last 1.

DATE OF DELIVERY (Month, Day, Year) 2a.

HOUR 2b. M.

SEX 3.

THIS DELIVERY—Single, Twin, Triplet, Etc. (Specify) 4a.

IF NOT SINGLE DELIVERY born first, second, third, etc. (specify) 4b.

COUNTY OF DELIVERY 5a.

CITY, TOWN, OR LOCATION OF DELIVERY 5b.

INSIDE CITY LIMITS (Specify yes or no) 5c.

HOSPITAL—NAME (If not in hospital, give street and number) 5d.

MOTHER

MOTHER—MAIDEN NAME First Middle Last 6a.

AGE (at time of this delivery) 6b.

STATE OF BIRTH (If not in U.S.A., name country) 6c.

RESIDENCE—STATE 7a.

COUNTY 7b.

CITY, TOWN, OR LOCATION 7c.

INSIDE CITY LIMITS (Specify yes or no) 7d.

STREET AND NUMBER 7e.

FATHER

FATHER—NAME First Middle Last 8a.

AGE (at time of this delivery) 8b.

STATE OF BIRTH (If not in U.S.A., name country) 8c.

CAUSE

9. PART I. FETAL DEATH WAS CAUSED BY: [ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c)] SPECIFY FETAL OR MATERNAL.

Fetal or maternal condition directly causing fetal death (a) IMMEDIATE CAUSE

Fetal and/or maternal conditions, if any, giving rise to the immediate cause (a) (b) DUE TO, OR AS A CONSEQUENCE OF:

stating the underlying cause last (c) DUE TO, OR AS A CONSEQUENCE OF:

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to fetal death but not related to cause given in Part I (a)

FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify) 10.

AUTOPSY (Specify yes or no) 11a.

IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH 11b.

CERTIFIER

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD 12a. SIGNATURE

DATE SIGNED (month, day, year) 12b.

ATTENDANT—M.D., D.O., midwife, other (specify) 12c.

CERTIFIER—MAILING ADDRESS (Street or R.F.D. No., city or town, state, zip) 12d.

AUTHORIZED OFFICIAL (If delivery not attended by physician) 13. SIGNATURE

BURIAL

BURIAL, CREMATION, OR REMOVAL (Specify) 14a.

CEMETERY OR CREMATORY—NAME 14b.

LOCATION (City or town, state) 14c.

DATE (Month, day, year) 14d.

FUNERAL HOME—NAME AND ADDRESS (Street or R.F.D. No., city or town, state, zip) 15a.

FUNERAL DIRECTOR—SIGNATURE 15b.

REGISTRAR—SIGNATURE 16a.

DATE RECEIVED BY LOCAL REGISTRAR month day year 16b.

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER

RACE—FATHER White, Negro, American Indian, etc. (Specify) 17.

EDUCATION—Specify highest grade completed: Elementary (0,1,2,3,4, . . . or 8) High School (1,2,3, or 4) College (1,2,3,4, or 5+) 18.

USUAL OCCUPATION 19a.

KIND OF BUSINESS OR INDUSTRY 19b.

MOTHER

RACE—MOTHER White, Negro, American Indian, etc. (Specify) 20.

EDUCATION—Specify highest grade completed: Elementary (0,1,2,3,4, . . . or 8) High School (1,2,3, or 4) College (1,2,3,4, or 5+) 21.

USUAL OCCUPATION 22a.

KIND OF BUSINESS OR INDUSTRY 22b.

PREVIOUS DELIVERIES—HOW MANY OTHER CHILDREN

ARE NOW LIVING 23a.

WERE BORN ALIVE—NOW DEAD 23b.

WERE BORN DEAD (Fetal death at any time after conception) 23c.

DATE OF LAST LIVE BIRTH Month Day Year 23d.

DATE OF LAST FETAL DEATH Month Day Year 23e.

DATE LAST NORMAL MENSES BEGAN (Month, day year) 24a.

MONTH OF PREGNANCY PRENATAL CARE BEGAN 1st, 2d, etc. (Specify) 24b.

PRENATAL VISITS Total number If none, so state 24c.

WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED Yes ☐ No ☐ 25a.

IF "NO" STATE REASON 25b.

LEGITIMATE (Specify yes or no) 26.

BIRTH WEIGHT lbs. ozs. 27.

COMPLICATIONS RELATED TO PREGNANCY OR LABOR (Describe or write "none" 28.

BIRTH INJURIES TO FETUS (Describe or write "none") 29.

COMPLICATIONS NOT RELATED TO PREGNANCY OR LABOR (Describe or write "none") 30.

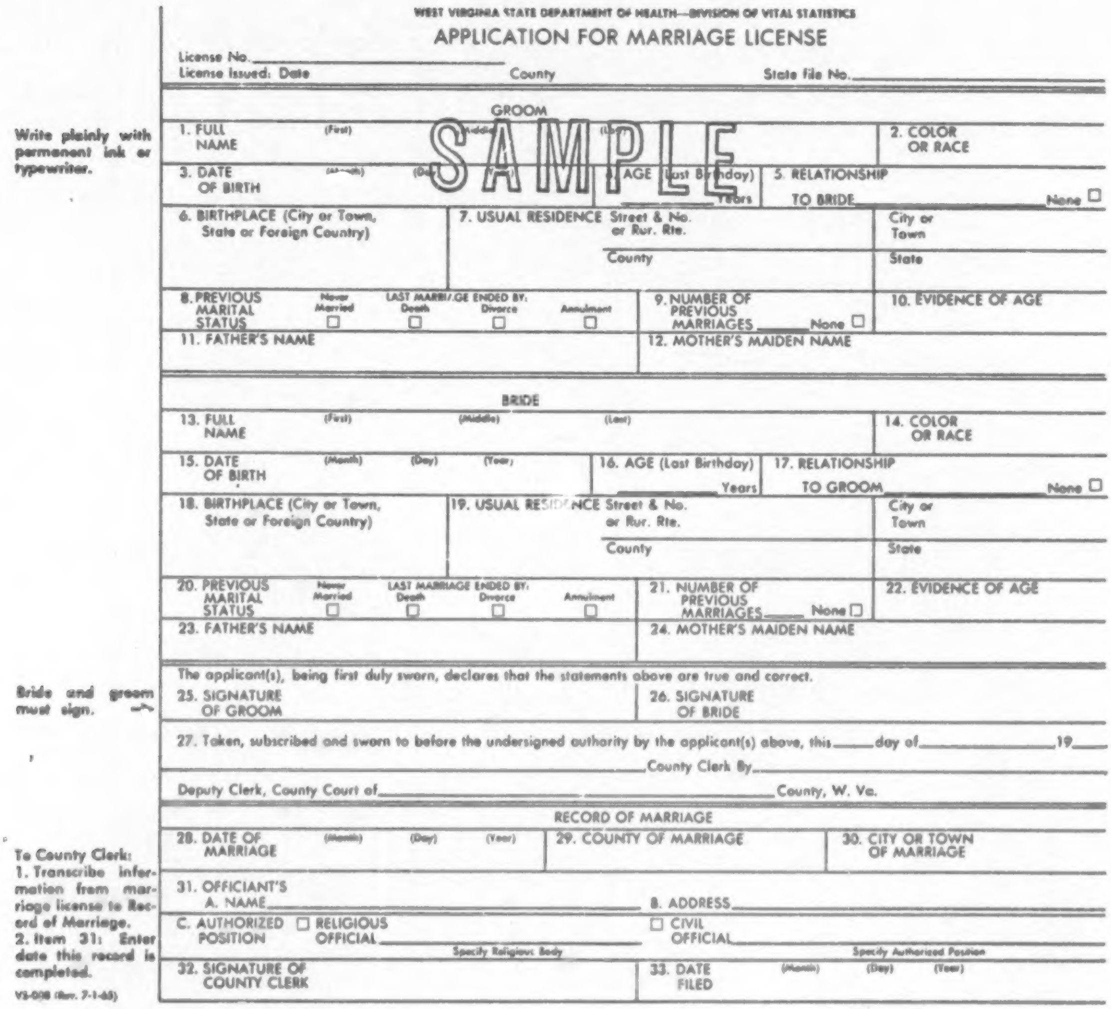
CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none") 31.

MULTIPLE BIRTHS
Enter State File Number for Mate(s)
LIVE BIRTH(S)
FETAL DEATH(S)

Form VS-003
(1-1-68)

APPENDIX A

Application for Marriage License



WEST VIRGINIA STATE DEPARTMENT OF HEALTH—DIVISION OF VITAL STATISTICS

APPLICATION FOR MARRIAGE LICENSE

License No.____________________

License Issued: Date County State File No.____________________

SAMPLE

Write plainly with permanent ink or typewriter.

GROOM

1. FULL NAME (First) (Middle) (Last)
2. COLOR OR RACE
3. DATE OF BIRTH (Month) (Day) (Year)
4. AGE (Last Birthday) ______ Years
5. RELATIONSHIP TO BRIDE____________ None ☐
6. BIRTHPLACE (City or Town, State or Foreign Country)
7. USUAL RESIDENCE Street & No. or Rur. Rte. City or Town County State
8. PREVIOUS MARITAL STATUS Never Married ☐ LAST MARRIAGE ENDED BY: Death ☐ Divorce ☐ Annulment ☐
9. NUMBER OF PREVIOUS MARRIAGES______ None ☐
10. EVIDENCE OF AGE
11. FATHER'S NAME
12. MOTHER'S MAIDEN NAME

BRIDE

13. FULL NAME (First) (Middle) (Last)
14. COLOR OR RACE
15. DATE OF BIRTH (Month) (Day) (Year)
16. AGE (Last Birthday) ______ Years
17. RELATIONSHIP TO GROOM____________ None ☐
18. BIRTHPLACE (City or Town, State or Foreign Country)
19. USUAL RESIDENCE Street & No. or Rur. Rte. City or Town County State
20. PREVIOUS MARITAL STATUS Never Married ☐ LAST MARRIAGE ENDED BY: Death ☐ Divorce ☐ Annulment ☐
21. NUMBER OF PREVIOUS MARRIAGES______ None ☐
22. EVIDENCE OF AGE
23. FATHER'S NAME
24. MOTHER'S MAIDEN NAME

The applicant(s), being first duly sworn, declares that the statements above are true and correct.

Bride and groom must sign. →

25. SIGNATURE OF GROOM
26. SIGNATURE OF BRIDE
27. Taken, subscribed and sworn to before the undersigned authority by the applicant(s) above, this_____day of______________,19____

____________________County Clerk By____________________

Deputy Clerk, County Court of______________ ______________County, W. Va.

RECORD OF MARRIAGE

28. DATE OF MARRIAGE (Month) (Day) (Year)
29. COUNTY OF MARRIAGE
30. CITY OR TOWN OF MARRIAGE
31. OFFICIANT'S A. NAME____________________ B. ADDRESS____________________

C. AUTHORIZED POSITION ☐ RELIGIOUS OFFICIAL____________________ ☐ CIVIL OFFICIAL____________________

Specify Religious Body Specify Authorized Position

32. SIGNATURE OF COUNTY CLERK
33. DATE FILED (Month) (Day) (Year)

To County Clerk:
1. Transcribe information from marriage license to Record of Marriage.
2. Item 31: Enter date this record is completed.

VS-008 (Rev. 7-1-65)

APPENDIX A
Monthly Report of Divorces and Annulments of Marriage Granted

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

Page No. ____

MONTHLY REPORT OF DIVORCES AND ANNULMENTS OF MARRIAGE GRANTED

______________________ COUNTY REPORT FOR THE MONTH OF ______________________, 19 ___

SAMPLE

CIVIL ACTION NUMBER	NAME HUSBAND'S FULL NAME WIFE'S MAIDEN NAME	DATE OF BIRTH, OR AGE	PLACE OF THIS MARRIAGE		DATE OF THIS MARRIAGE	PLAINTIFF (SPECIFY)	DIVORCE OR ANNULMENT (SPECIFY)	NAME(S) CHILDREN UNDER EIGHTEEN	DATE OF THIS DECREE	DO NOT WRITE IN THIS SPACE
			COUNTY	STATE						

DVS-9 (5-'67)

(SEE REVERSE SIDE FOR INSTRUCTIONS AND CERTIFICATION)

APPENDIX B
Groupings of ICDA Codes

I.C.D.A.	SELECTED CAUSES
001-009	Intestinal infectious diseases
010-018	Tuberculosis
038	Septicemia
140-208	Malignant neoplasms
150-159	--of digestive organs and peritoneum
160-165	--of respiratory and intrathoracic organs
179-189	--of genitourinary organs
210-239	Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature
250	Diabetes mellitus
260-269	Nutritional deficiencies
280-285	Anemias
390-448	Major cardiovascular diseases
390-398 402-404- 429	Diseases of the heart
401-403	Hypertension with or without renal disease
430-438	Cerebrovascular diseases
440	Arteriosclerosis
441-448	Other diseases of arteries, arterioles, and capillaries
480-487	Pneumonia and influenza
480-486	Pneumonia
487	Influenza
490-496	Chronic obstructive pulmonary disease and allied conditions
490-493	Bronchitis, emphysema, and asthma
500-508	Pneumoconiosis and other lung diseases due to external agents
500	Coalworker's pneumoconiosis
531-533	Ulcer of stomach and duodenum
550-553 560	Hernia of abdominal cavity and intestinal obstruction
571	Chronic liver disease and cirrhosis
574-575	Cholelithiasis and other disorders of gallbladder
580-589	Nephritis, nephrotic syndrome, and nephrosis
590	Infection of kidney
740-759	Congenital anomalies
760-779	Certain conditions originating in the perinatal period
767-769	Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome
765	Disorders relating to short gestation and unspecified low birth weight
780-799	Symptoms, signs, and ill-defined conditions
E800-E949	Accidents, all forms
E810-E825	Motor vehicle accidents
	Home accidents
	Work accidents
E950-E959	Suicide
E960-E969	Homicide
Residual Codes	All other causes

ERRATA

The data displayed in Exhibit 9, page 29 is incorrect. Please refer to Table 7, page 30, for Age of Mother statistics.